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PROCEDURES, PLANNING GUIDES, AND COST DATA FOR COMMUNITY COLLEGES.

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A guidebook of required procedures for capital construction programs for community colleges in New York State. Existing community colleges are listed giving actual and estimated enrollments for 1963-1974. Required procedures specified include--(1) initiation of capital construction and budget requests, (2) space utilization and space projections, building requirements program, (3) rules of procedure for approval of preliminary drawing requirements, and (4) acquisition of additional land for community colleges. Other requirements outlined include building codes, fee schedules, time schedules, site selection, and policies regarding carpeting and air conditioning. Cost data for existing colleges and cost guidelines for proposed facilities are included. (NI)

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES

PROCEDURES, PLANNING GUIDES,
AND COST DATA FOR COMMUNITY COLLEGES

JANUARY 1, 1967

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STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES

PROCEDURES, PLANNING GUIDES,
AND COST DATA FOR COMMUNITY COLLEGES

JANUARY 1, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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BY

ELLIS M. ROWLANDS

EF 001735

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE AND FACILITIES
COMMUNITY COLLEGE FACILITIES PLANNING

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Onondaga
Suffolk
Sullivan
Ulster

STATE UNIVERSITY OF NEW YORK
COMMUNITY COLLEGES

ANTICIPATED GROWTH

FULL TIME DAY STUDENT ENROLLMENT 1963 - 1974

COMMUNITY COLLEGE	A C T U A L					E S T I M A T E D *					SUNY ENROLLMENT**	
	1963	1964	1965	1966	1967	1968	1969	1970	PLANNING GUIDE		1970	1974
Adirondack	385	628	822	850	950	1000	1100	1200	1200	1600		
Auburn	663	920	1149	1200	1225	1250	1275	1300	1300	2200		
Bronx	1200	1730	2423	2500	2600	2700	2800	3000	3000	6100		
Broome	1112	1450	1421	1600	1800	2200	2400	2800	2800	3800		
Clinton	0	0	0	0	0	200	350	500	500	800		
Columbia-Greene	0	0	0	0	0	200	350	500	500	800		
Corning	737	1090	1433	1500	1600	1600	1700	1800	1800	2500		
Dutchess	1099	1485	1614	1700	1800	1900	2000	2300	2300	4900		
Erie	1874	1878	2126	2340	2375	2600	3175	4300	4300	5600		
Essex-Franklin	0	0	0	0	100	200	350	500	500	800		
Fashion Institute	1336	1490	1555	1600	1700	1700	1700	1700	2800	3600		
Fulton-Montgomery	0	330	667	700	800	1000	1100	1200	1000	1800		
Genesee	0	0	0	0	100	200	350	500	500	800		
Herkimer	0	0	0	0	100	200	350	500	500	800		
Hudson Valley	1593	2180	2474	2600	2700	2800	2900	3000	3800	5400		
Jamestown	460	586	665	750	800	900	1100	1300	1300	1500		
Jefferson	118	360	591	650	700	800	950	1100	1100	1200		
Kingsborough	0	446	501	1800	1500	2000	2500	3000	3100	6000		
Manhattan	0	431	979	1000	1000	1000	1000	1000	2300	6100		
Mohawk	1159	1144	1329	1400	1500	1600	1750	2000	2000	2800		
Monroe	1410	2105	2082	2100	2500	3000	3600	4500	4500	6000		
Nassau	398	1750	2164	2400	2500	2600	2800	2900	6000	8700		
New York City	2689	2832	2792	3000	3600	4000	4600	5300	5300	6500		
Niagara	320	852	1121	1200	1250	1300	1600	1900	1900	3100		
Onondaga	1108	1006	994	1100	1100	1100	1500	1800	2400	3400		
Ontario	0	0	0	0	0	200	350	500	500	800		
Orange	1145	1250	1422	1500	1600	1700	1800	1900	2500	3000		
Queensborough	828	1250	1357	1800	2200	2700	3300	4000	4000	5000		
Rockland	502	663	1038	1050	1100	1300	1500	1700	1700	3700		
Schenectady-Saratoga	0	0	0	0	0	200	350	500	500	800		
Staten Island	745	1004	1310	1400	1600	1900	2200	2500	2600	5100		
Suffolk	1197	1625	2324	2650	3100	3550	4050	4400	4400	5500		
Sullivan	65	289	544	700	750	750	750	800	900	1400		
Ulster	194	366	594	700	750	800	900	1000	800	1500		
Westchester	1006	1238	1322	1410	1600	1850	2100	2300	2300	3400		
TOTALS	23943	32378	39813	43200	47000	53000	60600	69500	78900	117000		

*Estimated by Office of Architecture and Facilities based upon present and proposed facilities.

**June 27, 1966

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES
COMMUNITY COLLEGES SERVICES
PROCEDURE FOR
INITIATION OF CAPITAL CONSTRUCTION AND BUDGET REQUESTS

Since the office of the State University Executive Dean for Community Colleges is charged with the responsibility for their supervision and operation, it serves as the direct liaison with the local boards of trustees on all matters of policy including approval of programs, budget and construction. In order to fulfill this function efficiently, the procedures described in this guidebook are required.

Basic to the formulation of a sound capital construction program is the long range campus academic plan which every community college must develop and submit to the office of the Executive Dean for Two Year Colleges. This document looks ten years ahead in the college's plan to change its programs of offerings and in its enrollment growth. Annual amendments to the plan are submitted by the college to keep it up to date.

Every community college is to complete each of the following prerequisites before proceeding with the next step:

I. ENROLLMENT PROJECTIONS

Develop in cooperation with the Executive Dean a long range enrollment projection by curriculum including:

1. Freshmen and returning student enrollments in regular full time curriculum.
2. Special programs not included under "1" above.

II. CONSTRUCTION PLANNING

(A) Space Facilities Projection to 1974

This document, for which an outline is provided by the Director of Community College Facilities Planning, State University Office of Architecture and Facilities, is to be filled out in its entirety. It will be checked by that office and the college will be advised regarding desirable or recommended changes before approval is given by the Executive Dean.

(B) Building Requirements Program

Following approval of the Space Facilities Projection to 1974, a program called the Building Requirements Program, giving the areas and functions of each space in the building, is to be prepared and submitted to the Director of Community College Facilities Planning for approval. Most spaces included in such programs will be identifiable in the Space Facilities Projection. Student Activities Buildings and certain parts of the Gymnasium and other buildings not specifically covered in the Space Projection are exceptions.

III. SITE SELECTION AND LAND ACQUISITION

The college will advise the Executive Dean as soon as it has chosen one or more sites acceptable to its trustees. Such sites must be visited by the Director of Community College Facilities Planning or the Executive Dean and a member of State University of New York Board of Trustees before any approval from the University Board will be forthcoming.

If the site is owned by the sponsor, an appraisal will be made by the State to determine the State's obligation. This appraisal is based on a formula called the "Educational Value" of the site, which is worked out with the State Division of the Budget.

If the site is to be acquired by purchase, the land must be appraised by the State, and this appraisal, after New York State Division of the Budget approval, will constitute the final amount the State considers fair and equitable.

If the site is acquired by condemnation proceedings (as is the case in all New York City Community Colleges), the State accepts the evaluation determined by the Court of Claims.

IV. SELECTION OF ARCHITECTS

- (A) The ultimate selection of an architect rests with the local college Board of Trustees; however, the college should present the names of architectural firms it wishes to consider for interview and selection to the Director of Community College Facilities Planning for State University concurrence. The final selection by the college is presented again to State University for approval before any appointments are made public.
- (B) Any contract drawn between the architectural firm finally selected and the community college must be submitted to the Director of Community College Facilities Planning for approval. Such contract shall include the costs for architectural and engineering services from the processing of schematic, preliminary, and working drawings through supervision of completed construction.

V. SITE PLAN

- (A) A comprehensive site plan showing the general location of all buildings contemplated for present construction and probable future additions shall be approved by State University before drawings for any single building are developed.
- (B) The total estimated cost of the project determined by the architects at the time the comprehensive site plan is completed should itemize the estimated costs--construction, electrical, plumbing, mechanical trades, utilities, site improvements, roads and landscaping, and architectural and engineering services.

V. SITE PLAN (Continued)

- (C) Sponsor services forming a part of the sponsor's contribution toward the cost of any construction project are to be included with the cost described in "(B)" above. This request for sponsor services is to be broken down by the various services to be performed such as inspection, roadwork, paving, engineering, supervision, transportation, etc. The nature of the work, a brief summary justifying the work, and a breakdown of the estimated costs should be submitted for each service contemplated.

VI. DEVELOPMENT DRAWINGS AND SPECIFICATIONS

- (A) As the schematic, preliminary and working drawings and specifications are developed, they must in each case be submitted to the Director of Community College Facilities Planning for approval before proceeding with the next step. A revised estimate of cost is to accompany each submission.
- (B) After the preliminary drawings are approved by the Director of Community College Facilities Planning, he will advise the local board of trustees by letter of such approval and authorize it to proceed with working drawings. Similarly, approval of final working drawings will be given before they are sent out for bid.

VII. BUDGET REQUEST

The request for the total construction budget including the information in "V" above is submitted to the Executive Dean for his approval and for approval by the State University Trustees.

VIII. BIDDING

- (A) A copy of the specifications, final plans, and bid forms must be submitted to the Director of Community College Facilities Planning at the time the bidding is announced to the public.
- (B) A copy of the bid tabulation must be approved by the Director of Community College Facilities Planning before final award is made to the contractor.

After the bids are opened and the contracts awarded, any increase over and above the preliminary budget amount must be submitted for approval to the Executive Dean.

IX. CHANGE ORDERS

As change orders become necessary during construction, notice of each must be sent to the Director of Community College Facilities Planning for record. When the total amount of change orders exceeds 2% of the construction contracts on any one project, or when any single change order exceeds \$5,000, an approval by State University must be obtained.

X. SPONSOR SERVICE

Upon submission of the final working drawings, specifications and final estimates, sponsor services, if any, must also be submitted in accordance with "V (C)" above. Approval will be given by State University only if the sponsor service represents a saving on the construction contract. Any additional costs above the estimated cost of this work by contract will not be reimbursed by the State.

January 1, 1967

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

Space Utilization Guides for 1974

TWO-YEAR COLLEGES

DESCRIPTION

Credit hrs/student	16½ to 17½	5% margin
Students/Faculty*	15:1	
Contact Hours available/wk/student		
Classroom hours	15	
Other	9	
Total contact hours	<u>24</u>	
Faculty/Steno Ratio	7.5:1	Exclusive of Division Head
All space projections are based on 45-hr/wk of operation.		
Rooms Utilization, hrs. per week		
CR 60 or less	30	
CR 61 - 120	20	
LH 121 or over	20	
Labs, special purpose rooms	24	
Industrial Arts and shops	24	
Station utilization (all spaces, when occupied)		
Classrooms	80%	Minimum
Other Spaces	80%	

* Faculty includes department heads and all full-time faculty.

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

SPACE PLANNING GUIDES
TWO-YEAR COLLEGES

<u>CLASSROOMS</u>		<u>NET AREA</u> <u>SQ. FT.</u>
20 Stations	18' per student	360
30 Stations	16' per student	480
40 Stations	16' per student	640
60 Stations	16' per student	960
<u>LECTURE HALLS (Continental Seating)</u>		
120 Stations	12' per student	1,440
240 Stations	12' per student	2,880
480 Stations	10' per student	4,800
<u>SCIENCE LABS</u>		
24 Stations	50' per student	1,200
(a) Preparation and Storage		420
<u>INDUSTRIAL LABS</u>		
24 Stations	50' per student	1,200
(a) Storage Area		180
<u>FINE ARTS STUDIOS</u>		
30 Stations - Design, Graphics, Jewelry, Painting, Crafts, etc.	40' per student	1,200
(a) Storage Area		240
30 Stations - Special Studios		1,440
(a) Storage and Equipment Area		360
<u>LANGUAGE LABS, SPEECH LABS</u>		
24 Stations (including console and storage)		720

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

Space Planning Guides for 1974

TWO-YEAR COLLEGES

NET AREA
SQ. FT.LIBRARY

Total seating (reading rooms, carrels, references). . .
33% of total enrollment.

Number of volumes - minimum of 20,000 selected volumes
exclusive of duplicates and textbooks for
first 1,000 full-time students. Add 5000
volumes for each 500 full-time students
beyond 1000. Colleges with comprehensive
curriculum offerings will need to exceed
this minimum.

All reading spaces, per person

25

Book stacks - 15 volumes per square foot of floor area.

DINING AND RELATED SPACES

Seating Not to exceed 35% of total enrollment

Dining room area, per diner

12

Kitchen preparation space, per diner

3.6 - 5.6

Dishwashing, refrigeration and storage, per diner

4.0 - 5.3

PHYSICAL EDUCATION

Gymnasium, approximately 106' x 120'

12,720

Locker Rooms, per 12 x 12 full length locker
Per tote basket

6
0.6

STATE UNIVERSITY OF NEW YORK
OFFICE OF FACILITIES

Space Planning Guides for 1974

TWO-YEAR COLLEGES

	<u>NET AREA</u> <u>SQ.FT.</u>
<u>FACULTY</u>	
Full-time faculty and staff only. No special offices to be provided for evening faculty.	
Division Chairman	240
Department Head (Single occupancy)	180
Faculty Member (Double occupancy)	240
<u>ADMINISTRATIVE</u>	
President	400
Vice President, Dean of College	300
Other Deans and Directors of Administration	240
Individual secretary or two secretaries	120/each
Three or more secretaries in one area	80/each
Associate Deans or Equivalent	180
Other Administrative Offices	120

STATE UNIVERSITY OF NEW YORK

Outline Instructions for Space Study Forms

SS-1

Enrollment Projection Chart.

1. Use Board of Trustees projected enrollment for 1974.
2. Subdivide enrollment by year and by curricula.
3. Include Masters and Doctoral years as appropriate.
4. Compute ratios developed after completing all forms.

SS-2

Instructional Space Utilization Form.

1. Assume a typical semester of instruction.
2. Make a separate entry for each course of instruction and for each different type of instructional facility required.
3. List non-credit courses requiring instruction space.
4. Include courses using off-campus facilities or practice schools.
5. List courses only in curricula approved for planning (by Executive Dean).
6. Also list facilities used only in another semester than the one analyzed.
7. Show cross reference in last column to space requested in SS-3.

SS-3

Space Summary Form.

1. List classroom and lecture hall by number of stations only.
2. Cross reference space on SS-3 with the same space on SS-5 by building name and room number.
3. Code the spaces as follows: A for classroom to 60 stations, B for lecture halls over 60 stations, and C for all special purpose spaces.
4. "Class Hours per week" must equal total of same in SS-2.

SS-4

Office Projection.

1. Compile a separate SS-4 for Faculty and for Administration.
2. Faculty
 - a. Project faculty required by department or division; use code letters E, F, G, etc. , by department.
 - b. Include clerical and secretarial assistants.
 - c. Cross reference office space to be available in existing buildings with Form SS-5.
3. Administration
 - a. List administration personnel in relation to projected organization chart. Include all clerical and secretarial assistants as they relate to their administrator.
 - b. Cross reference office and work space to be available in existing buildings with form SS-5; use code letters D for all spaces.

STATE UNIVERSITY OF NEW YORK

Outline Instruction for Space Study Form

SS-5

Room Inventory

1. Consider as existing only facilities in use and in planning (approved space requirements).
2. Show cross reference in last column to the space requested in SS-3.

Ag. & Tech. Inst. at Morrisville
(Unit)1400 STUDENTS(Date) 8/1/66

ENROLLMENT BY CLASS YEAR AND BY MAJOR FIELD

DIVISION	DEPARTMENT	1st	2nd	3rd	4th	DIVISION TOTALS
Agriculture Tech	Ag. Production	75	55			260
Business	Secretarial Sci.	60	40			220
	Accounting	40	25			
	Business Admin.	30	25			
Industrial Tech	Auto Tech.	100	70			325
	Elec. Tech.	60	45			
	Inst. Tech	30	20			
Food Processing & Lab Tech	Processing Tech	60	45			190
	Lab Tech	50	35			
Food Service Administration	Service Admin.	60	45			155
	Nursing	50	0			
Liberal Arts	Liberal Arts	150	100			250
TOTALS		840	560			1400

Ratios Developed.

1. $\frac{\text{Total Student Credit Hours**}}{\text{Projected Enrollment}} = \frac{23,800}{1,400} = 17 \text{ CRHrs/Student}$
2. $\frac{\text{Projected Enrollment}}{\text{Total Faculty*}} = \frac{1,400}{94} = 15 \text{ Students/Instructor}$
3. $\frac{\text{Total Faculty*}}{\text{Total Stenographers}} = \frac{94}{13} = 7.2 \text{ Instructors/Steno.}$

** From total of column 3, SS-2 form

* Faculty includes department heads or chairman

STATE UNIVERSITY OF NEW YORK
194 Washington Avenue
Albany, New York 12210

August 1, 1966

Re: Special Instructions for SS-2

In projecting the Instructional Space Requirements for 1974, it will generally be sufficient to complete the detail instructional Space Planning forms (SS-2) for only one term of the academic year. If, however, your contemplated course scheduling requires that the maximum number of one type of instructional facility will be needed in a term (semester or quarter) different from the one projected, it will be desirable to make a projection for each term of the academic year or to submit an explanation to support the exception.

An example of this situation could occur when the projection of facility requirements is made for the first term of the year and does not reflect the need for a facility that is scheduled for a subsequent term of the year.

An extreme example of this occurs when a course in physical education requires the use of a variety of different facilities both in the gymnasium and on the athletic fields over the entire school year.

1974 INSTRUCTIONAL SPACE PLANNING

STATE UNIVERSITY OF NEW YORK

7

SS-2, Office of Facilities

Ag. & Tech. Inst. at Morrisville

1400 STUDENTS

(Date) 3/1/66

DEPARTMENT	COURSE OF INSTRUCTION	(1)	(2)	(3)	Instruction Facility Name and Capacity	(4)		(5)	(6)		(7)	Ref. to SS-
		Credit Hours per Course	Students Enrolled	Student Credit Hours (1x2)		No. Stud.	2/4 Number	Class Sections	Per Student	Contact Hours Per Week (5x5)	All Sect's.	
LIBERAL ARTS	English	3	795	2385	Lecture Hall 120 Classroom 30	100	8	1	1	8	8	B1 A2
	Intro. to Social Sci.	3	590	1770	Classroom 30	24	33	2	2	66	66	A2
	Inorganic Chemistry	4	350	1400	Classroom 60	48	24	3	3	72	72	A3
					Chemistry Laboratory 24	24	15	2	2	30	30	C1
General Physics		3	95	285	Physics Laboratory 24	24	4	3	3	12	12	C2
					Lecture Hall 120	95	1	2	2	2	2	B1
Biology Seminar		1	212	212	Classroom 20	18	12	1	1	12	12	A1
Totals				6052							223	

STATE UNIVERSITY OF NEW YORK 1974 INSTRUCTIONAL SPACE SUMMARY

Page 8

SS-3, Ofc. of Fac.

(Date) 8/1/66

Ag. & Tech Inst. at Morrisville
(Unit)

1400 STUDENTS

SS-3

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK ROOM UTILIZATION FACTOR	TOTAL ROOMS REQ'D	EXISTING OR PROGRAMMED ^{1/} ROOMS TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING AND ROOM NUMBER	
A. CLASSROOMS					
1. UNDER 20 STATIONS	$\frac{12}{30}$	1	1	Meyer Hall 14	0
2. 21-30 STATIONS	$\frac{138}{30}$	5	3	Bailey Hall 12 for 2, 14	2
3. 31-60 STATIONS	$\frac{21}{30}$	1	1	Bailey Hall 10	0
B. LECTURE HALLS					
1. 61-120 SEATS	$\frac{10}{20}$	1	0		1
2. 121-240 SEATS	$\frac{20}{20}$				
3. 241-480 SEATS	$\frac{20}{20}$				
4. 481-And LARGER	$\frac{20}{20}$				
C. LABS-SHOPS-STUDIOS & SPECIAL PURPOSE ROOMS					
1. CHEMISTRY LAB.	$\frac{30}{24}$	2	1	Bailey Hall 16	1
2. PHYSICS LAB.	$\frac{12}{24}$	1	1	Meyer Hall 18	0
3. FINE ARTS STUDIOS	$\frac{24}{24}$				
4. ETC.				(IN THIS SECTION, PUT EACH SPECIAL FACILITY REQUIRED, USING THE EXACT SAME TITLE LISTED IN THE SS-2AND IN THE SS-5)	
Class Hrs./Wk. TOTAL	223				
1/ Programmed refers to building space approved by Division of the Budget for construction					

STUDENTS

(Unit) _____

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK ROOM UTILIZATION FACTOR	TOTAL ROOMS REQ'D.	EXISTING OR PROGRAMMED ¹ /ROOMS TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D. BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING AND ROOM NUMBER	

Classroom and Lecture Hall Hours per student

On the last page of SS-3, show the following calculation for each room size listed. For number of classrooms, use "Total Rooms Required" or "Rooms Available in 1974", whichever is larger.

$$\text{Classroom Hours} = \frac{\text{Classroom Capacity} \times \text{No. of Classrooms} \times \text{Room Utilization Factor} \times \text{Station Utilization of } 80\%}{\text{}}$$

Show addition of all Classroom Hours (in the right hand column) and division by projected enrollment.

Laboratory and Other Special Educational Space Hours Available per Student

Show the same computations as above.

1/ Programmed refers to building space approved by Division of the Budget for construction.

Ag. & Tech Inst. at Morrisville

x Administrative

x Faculty

1400 STUDENTS

Page 10
SS-4, Ofc. of Fac.
(Date) 8/1/66

IDENTIFY ADMINISTRATIVE SERVICE OR FACULTY FUNCTION OF PERSONNEL	TOTAL PERSONNEL REQUIRED	EXISTING OR PROGRAMMED STATIONS TO BE AVAILABLE IN 1974		ADD'L ROOMS REQ'D. BY 1974
		TOTAL STATIONS	IDENTIFY BUILDING NAME AND ROOM NUMBER	
		<u>E X A M P L E - FACULTY</u>		
Liberal Arts				
Department Head	1	1	Bailey Hall 20	0
Faculty	12	7	Bailey Hall 23, 25, 27, 31, 11, 15, 19	5
Secretaries	2	2	Bailey Hall 21 for 2	0
		<u>E X A M P L E - ADMINISTRATION</u>		
President	1	1	Administration Building 210	0
Secretary	1	1	Administration Building 211	0

-18-

STATE UNIVERSITY OF NEW YORK PRESENT AND 1974 ROOM INVENTORY*

Page 11
SS-5, Ofc. of Fac.
(Date) 8/1/66Ag. & Tech Inst. at Morrisville
(Unit)1400 STUDENTSBAILEY HALL
(Building)

FLOOR & ROOM NO.	PRESENT USE	SQUARE FOOT AREA	NO. OF OCCUPANTS, SEATS OR STATIONS	USE PLANNED FOR 1974, IF DIFFERENT FROM PRESENT USE	REF. TO SS-3
1 - 10	Library Reference	900	-	Classroom 60	A3
- 12	Library Reading	1000	60	2 - Classroom 60	A2
- 14	Classroom	500	30	Classroom 30	A2
2 - 16	Chemistry Laboratory	900	18	Chemistry Lab for 6	C1
- 18	Storeroom	500	-	(Combine rooms 16 & 18) Storage 200 sq. ft.	C1

* Include all space that is assignable for instruction, administrative, maintenance, student or other use.

Ag & Tech Inst. at Morrisville

1400 STUDENTS(Date) 8/1/66MEYER HALL
(Building)

FLOOR & ROOM NO.	PRESENT USE	SQUARE FOOT AREA	NO. OF OCCUPANTS, SEAT OR STATIONS	USE PLANNED FOR 1974, IF DIFFERENT FROM PRESENT USE	REF. TO SS-3
1 - 2	Dept. Chairman, Biology	180	1		
1 - 4	Clerical Office	240	3		
1 - 14	Classroom	360	20		A1
1 - 18	Physics Lab.	1200	24		C2

* Include all space that is assignable for instruction, administrative, maintenance, student or other use.

STUDENTS

(Unit)

TOTAL FOR ALL DIVISIONS AND DEPARTMENTS	CLASS HRS. PER WEEK <u>ROOM</u> UTILIZATION FACTOR	TOTAL ROOMS REQ'D.	EXISTING OR PROGRAMMED ¹ /Rooms TO BE AVAILABLE IN 1974		NO. NEW ROOMS REQ'D. BY 1974
			ROOMS AVAILABLE	IDENTIFY BUILDING & ROOM NUMBER	

¹/ Programmed refers to building space approved by Division of the Budget for construction.

1974 OFFICE PROJECTION

Administrative

Page 10
SS-4, Ofc. of Fac.

(Unit)

Faculty

STUDENTS

IDENTIFY ADMINISTRATIVE SERVICE OR FACULTY FUNCTION OF PERSONNEL	TOTAL PERSONNEL REQUIRED	EXISTING OR PROGRAMMED STATIONS TO BE AVAILABLE IN 1974		ADD'L ROOMS REQ'D BY 1974
		TOTAL STATIONS	IDENTIFY BUILDING NAME AND ROOM NUMBER	

-25-

BUILDING REQUIREMENTS PROGRAM

OR

(Space Requirements Program)

This program gives the areas and functions of each space in the building.

It is prepared following the approval of the "Space Facilities Projection to 1974."

Most spaces included in such programs will be identifiable in the Facilities Projection. (Student Activities Buildings and certain parts of the Gymnasium and other buildings not specifically covered in the Space Projection are exceptions.)

It is submitted to the Director of Community College Facilities Planning for approval.

Upon approval, it may be given the architect to start his preliminary design of the building.

A sample program is included on the following pages.

STATE UNIVERSITY OF NEW YORK

Space Requirements

Program for SCIENCE BUILDING

Suffolk County Community College

August 3, 1965

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
1.	Entrance Vestibule		As Required	
2.	Main Lobby	100	As Required	Waiting Area containing display cases.
	(a) Men's Student Toilet		As Required	Locate off Lobby.
	(b) Women's Student Toilet		As Required	Locate off Lobby.
3.	Faculty Offices (26 @ 200 sq. ft.)	2 ea.	5,200	
4.	Secretarial Offices (2 @ 200 sq. ft.)	1 ea	400	
5.	Duplicating Room & Supplies		240	Next to Secretarial Offices, with hot and cold running water for washing hands, etc.
6.	Faculty Lounge & Conference Room		450	Conference table, etc.
	(a) Men's Toilet		As Required	Locate pff Lounge.
	(b) Women's Toilet		As Required	Locate off Lounge.
7.	Lecture Halls (2 @ 1200 sq. ft.)	120 ea.	2,400	Large demonstration desk.
	(a) Projection Area		200	Locate between lecture halls, rear-view projection.

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
	(b) Preparation Room			Locate next to Projection Room.
8.	Classrooms			
	(a) 2 @ 960 sq. ft.	60 ea.	1,920	Permanent overhead projection screen and pull-down flat screen.
	(b) 1 @ 960 sq. ft.	60 ea.	960	Same as above, plus demonstration table.
	(c) 8 @ 480 sq. ft.	30 ea.	3,840	Large blackboard area containing rectangular and polar coordinates.
	(d) 2 @ 480 sq. ft.	30 ea.	960	Same as above, plus demonstration table for Physics & Chemistry recitations.
9.	Chemistry Laboratories			
	(a) 3 @ 1200 sq. ft.	24 ea.	3,600	General Chemistry Laboratories.
	(b) 1 @ 1200 sq. ft.	24 ea.	1,200	Organic and Quantitative Laboratory.
	(c) 2 Balance Rooms @ 240 sq. ft.	12 ea.	480	Locate between Chemistry Laboratories.
	(d) 1 central Preparation & Storage Room		600	General Preparation Room with space for technicians.
	(e) 1 Preparation Room		300	Special preparations, demonstrations, and student projects.
	(f) 1 Equipment Room		300	To house recording spectrophotometer, gas chromatograph, etc. Temperature controlled with ventilation.

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
10.	Physics Laboratories			General Physics Laboratories.
	(a) 3 @ 1200 sq. ft.	24 ea.	3,600	
	(b) Central Storage & Preparation Room		600	General preparation and storage with space for technicians.
	(c) Isotope Room		300	For radioactive isotope work.
	(d) Dark Room		200	No windows with ventilation.
11.	Physical Science Laboratories			
	(a) 3 @ 1200 sq. ft.		3,600	Equipped for meteorology, geology, and astronomy.
	(b) Central Storage & Preparation Room		600	General preparation and storage with space for technicians.
	(c) Storage & Preparation Room		300	Special preparations, demonstrations and student projects.
12.	Biological Laboratories			
	(a) 4 @ 1000 sq. ft.	24 ea.	4,000	General biological laboratories.
	(b) Central Storage & Preparation Room		600	General preparation and storage with space for technicians.
	(c) Storage & Preparation Room		300	Special preparations, demonstrations and student projects.
	(d) Incubation Room		300	Bacteriological, incubators for embryology, etc. (free access for students to observe results).

NO.	SPACE	OCCUPANCY	AREA (SQ. FT.)	DESCRIPTION
	(e) Animal Room		400	Locate back of building, with outside entrance near service area.
	(f) Greenhouse		400	Same as above.
13.	Receiving Entrance			
	(a) Loading Dock	As Required		
	(b) Elevator	As Required		Next to loading area.
	(c) Receiving Room	As Required		Next to loading area.
14.	Building & Maintenance Room		480	
	(a) Janitor's Room		200	
	(b) Janitor's Closets	As Required		
15.	Dead Storage		1,000	Near Elevator.
16.	Heat Room	As Required		
17.	Mechanical Room	As Required		
18.	Electrical Service Room	As Required		
19.	Departmental Supplies		480	Projectors, etc.
	Net Area:		<hr/> 40,410 Sq. Ft.	
	Gross Area:		64,656 Sq. Ft.	

DEFINITIONS OF NET AND GROSS AREAS

Net Area

Net area of a facility is interior floor area of the space enclosed by walls, ceiling or roof, and a floor. In a facilities program, this type of space will be given a definite square foot area.

Gross Area

Gross area of a facility is the total square foot area between the outside walls, including the net area and all space not assigned specific square foot areas. In a facilities program, all space not assigned area will be noted as "As Required" space or, in the case of corridors, stairs, etc., may not be designated.

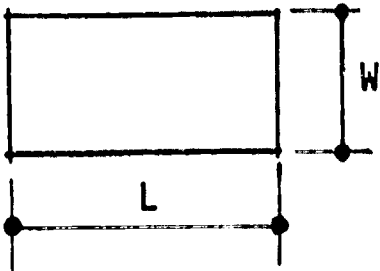
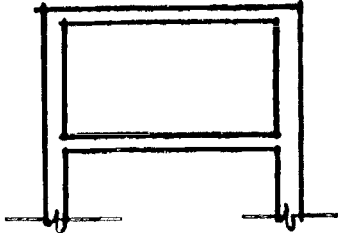
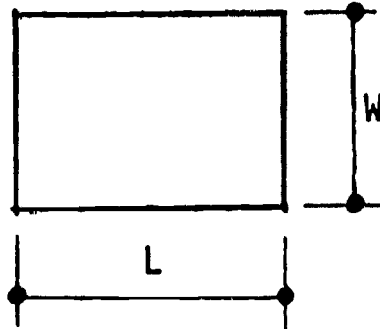
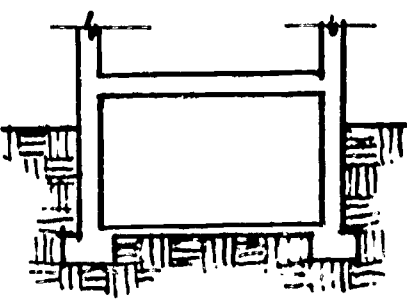
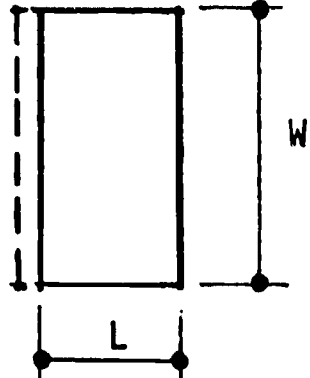
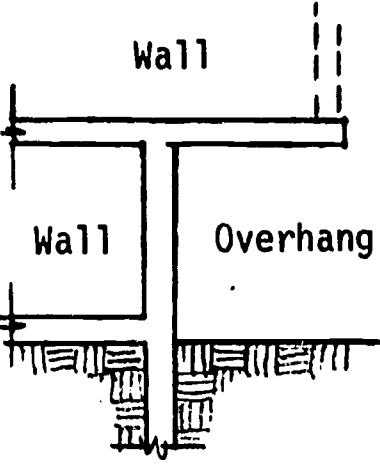
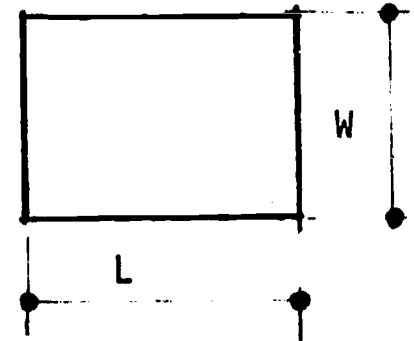
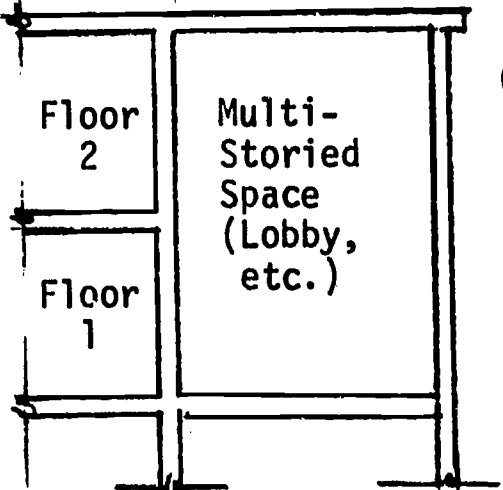
Spaces not assigned specific square foot areas are as follows:

- a. Spaces occupied by columns, walls and partitions, furred space
- b. Toilet (including vestibule and dressing room for toilet)
- c. Telephone booth in public area
- d. Lobby, entrance space and vestibule or foyer
- e. Display space
- f. Corridor or passage
- g. Stair hall and stairway
- h. Elevator and escalator
- i. Book lifts and dumbwaiter
- j. Janitor closet or utility closet
- k. Electrical service and transformer room
- l. Steam and heat distribution room
- m. Air conditioning mechanical room and fan room
- n. Mechanical switch room
- o. Excavated basement space
- p. Loading dock

Gross Area Analysis

In analyzing gross area, there may be special conditions of the architectural design of a facility that should be considered as contributing to this area. Some of these special conditions are projections, balconies, structural overhangs, unfinished basements, special roofs, courts, terraces, and abnormal ceiling heights. The following diagrams may be used as a guide in calculating the areas of some of these conditions.

GROSS SQUARE FOOT ANALYSIS

AREA	PLAN	SECTION	FORMULA
<u>FLOOR</u> Use for design and calculating area of existing building			GROSS AREA $= L \times W$
<u>EXCAVATED BASEMENT</u> (Unfinished)			GROSS AREA $= \frac{L \times W}{2}$
<u>STRUCTURAL</u> Overhang Balcony Bldg. Projection	 <p>Area Below</p>		GROSS AREA $= \frac{L \times W}{2}$
<u>MULTI-STORIED SPACES</u> Lobbies, etc. - Does not apply to theater, lecture hall, auditorium, and gymnasium spaces.			GROSS AREA $= \frac{3(L \times W)}{2}$

Net to gross ratio is a proportion that shows the relationship of the assigned area (net area) to the servicing area (gross area) of a facility. This ratio gives a reasonable estimate for which the performance of a structure may be measured. A facility designed above an assigned ratio is considered to be less efficient than it should be.

Ratios which may be used as a guide in design are as follows:

<u>Structure</u>	<u>Net (to) Gross</u>
Libraries	1 : 1.32
Science Buildings	1 : 1.64
Classroom Buildings	1 : 1.50
Office Buildings	1 : 1.50
Health & Phys. Ed.	1 : 1.42
Student Unions	1 : 1.70
Communications & Lecture Hall Centers	1 : 1.67
Service Groups	1 : 1.33
Fine Arts Buildings	1 : 1.67

STATE UNIVERSITY OF NEW YORK
ALBANY, NEW YORK

RULES OF PROCEDURE
FOR
APPROVAL OF PRELIMINARY DRAWING REQUIREMENTS
FOR
COMMUNITY COLLEGES

Architects or consulting architects and engineers preparing to submit preliminary drawings and specifications for State approval via the State University must observe the requirements as listed below. (If a project consists of a group of buildings, each building should be covered as directed.)

DRAWINGS (At a scale 1/16" or 1/8" equals one foot - black and white prints)

1. Plot plan showing contour lines of site, building or buildings, roads, parking spaces and paths. Show compass orientation.
2. All floor plans including basement - Indicate use and net square foot area of each space; show also programmed net square foot area in brackets; show columns, thickness of exterior walls and partitions, windows, door swings, pipe and vent shafts, and any equipment spaces affecting size and shape of rooms.
3. Four elevations.
4. Longitudinal and transverse section. Give story heights.
5. Section through typical exterior wall, showing footing, window spandrel and roof overhang, at scale 3/4" equals one foot.
6. Perspective view of principal elevation. (If several buildings, a birdseye view of reasonable size will be satisfactory.)

SPECIFICATIONS

To be presented with headings and sequence as per attached form of "OUTLINE SPECIFICATIONS."

ESTIMATE OF COST

To be presented with cubage diagram on 8-1/2" x 11" sheet with data similar to that shown on attached sheet.

August 1, 1966

STATE UNIVERSITY OF NEW YORK

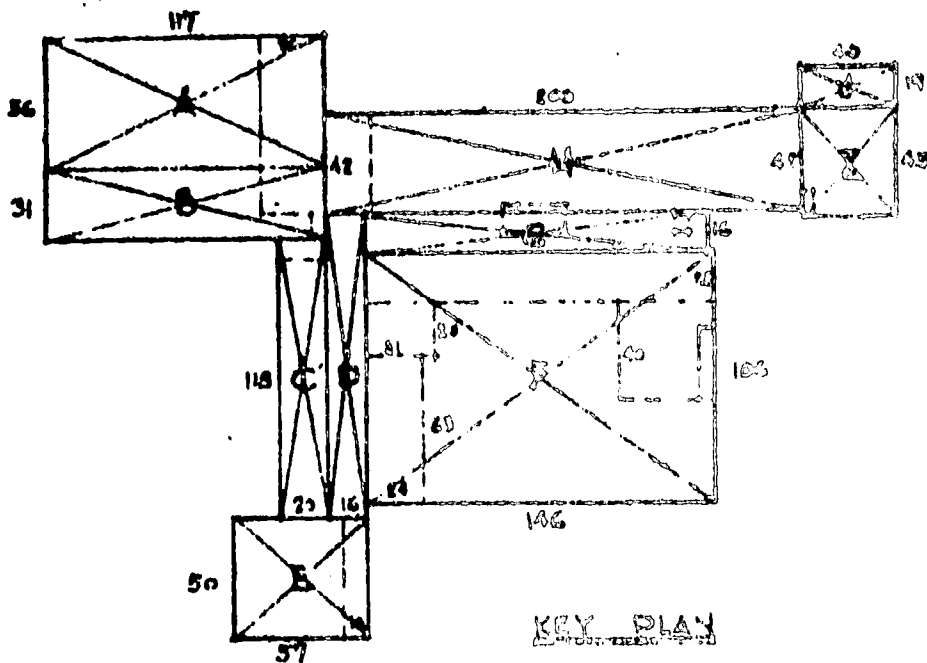
OUTLINE SPECIFICATIONS

(To be submitted with Application for Approval of Preliminary Plans)

Provide brief description of the following items:

1. Soil conditions
2. Footings
3. Foundation walls
4. Superstructure-type of construction
5. Exterior walls
6. Exterior trim
7. Interior walls and partitions
8. Wainscot and wall finish
 - a. Corridors
 - b. Toilets
 - c. Gymnasium locker rooms
 - d. Shops
9. Floor construction
10. Floor covering
 - a. Corridors
 - b. Classrooms
 - c. Auditorium
 - d. Gymnasium
 - e. Gymnasium locker rooms
 - f. Shower rooms
11. Roof construction
12. Roof covering
13. Stair construction and covering
14. Windows
15. Doors
 - a. Exterior
 - b. Interior

16. Furring on exterior
17. Plastering
 - a. On exterior walls
 - b. On interior walls
18. Acoustical treatment (type and where used)
19. Gymnasium bleachers
20. Stage furnishings
21. Heating system
22. Ventilating system
23. Automatic heat control
24. Fuel (Check proper blank)
 - a. Coal Handfired Stoker
 - b. Oil
 - c. Gas
25. Electrical work
 - a. Conduit and wiring
 - b. Lighting fixtures
26. Check following items that are to be included in the building
 - a. Border lights and dimmers
 - b. Program bells or chimes
 - c. Classroom clocks
 - d. Fire alarm system
 - e. Intercommunicating telephones
 - f. Central sound system
27. Plumbing
 - a. Soil pipe
 - b. Vent pipe
 - c. Hot water pipes
 - d. Cold water pipes
 - e. Fixtures
28. Water supply
29. Sewage disposal system
30. Any other special features



CUBAGE DIAGRAM JULY 23, 1934.

• GYMNASIUM •

CLIMBING HEIGHTS:
1 TO UNDERSIDE OF SLAB WHERE ON GRADE
2 1/2 AVERAGE DEPTH OF PIPE SPACE ELSEWHERE

AREAS: **SPACE**

	BASEMENT	GROUND FLOOR	FIRST FLOOR
A	1,456	6,552	—
B	580	2,587	3,627
C	250	2,360	2,360
D	—	2,048	2,048
E	—	2,850	500
F	—	6,722	15,476
G	—	2,320	2,320
H	720	2,400	8,400
I	—	1,720	—
J	—	760	—
SUB-TOTALS	3,006	33,519	34,731
TOTAL GROSS AREA	74,256 sq. ft.		

CUBAGES: **SPACE**

	AREA	HEIGHT	CUBAGES	
A	POOL DECK TO TOP OF ROOF	6,552	33	216,216
	MECH. EQUIP. ROOM	1,456	12 1/2	17,656
	POOL (AV. DEPTH)	2,625	10	26,250
	PIPE SPACE (1/2 AV. DEPTH)	2,471	4 1/2	11,120
B	GROUND FL. TO TOP OF ROOF	3,627	33 1/2	121,504
	MECH. EQUIP. ROOM	580	13	7,540
C	1/2 PIPE SPACE TO TOP OF ROOF	2,360	26	61,360
	STAIR TO MECH. EQ. ROOM	250	10 1/2	2,625
D	1/2 PIPE SPACE TO TOP OF ROOF	2,048	27 1/2	60,416
E	" " " "	2,850	27	82,650
F	TRUSS ENCLOSURE	2(4,828)	6	57,936
	" " " "	4,828	13	62,764
	1/2 PIPE SPACE TO BOT. OF TRUSS	15,476	28	433,328
	PISTOL RANGE - EQ. ST. SUPPLY RM	3,978	9 1/2	37,791
	FAN ROOMS #1 + #2	2,744	10 1/2	30,912
G	1/2 PIPE SPACE TO TOP OF ROOF	2,320	26	60,320
	STAIR BULKHEAD	220	8	1,760
	FOLDING PARTITION BULKHEAD	40	5	200
H	1/2 PIPE SPACE TO TOP OF ROOF	2,400	31	260,400
	MECH. EQUIP. ROOM	720	10 1/2	7,560
I	BOT. OF SLAB TO TOP OF ROOF	1,720	20 1/2	35,260
	STACK	50	32	1,600
J	BOT. OF SLAB TO TOP OF ROOF	760	19 1/2	14,820
TOTAL GROSS CUBAGE	1,613,988 cu. ft.			

NOTE: THE 64,000 CU. FT. OVER ESTIMATED 1,550,000 CU. FT. IS DUE TO ADDITIONAL MECH. EQUIP. REQUIRED

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE & FACILITIES
COMMUNITY COLLEGES SERVICES
PROCEDURE FOR
ACQUISITION OF ADDITIONAL LAND FOR COMMUNITY COLLEGES

The following procedure is required for the acquisition of additional land for existing community colleges:

1. The college initiates a request for the acquisition of additional land to the Executive Dean's office.
2. The Executive Dean requests the Director of Community College Facilities Planning to inspect the property. The Director of Community College Facilities Planning sends his recommendations to the Executive Dean.
3. Upon approval of the Executive Dean, the sponsor indicates his willingness to purchase the property.
4. Upon approval of the sponsor, the Executive Dean requests the Director of Community College Facilities Planning to have an appraisal made.
5. The Land Acquisition Unit of the Office of Architecture and Facilities is responsible for having the appraisals made. A copy of their procedure is attached. The appraisal report requires from three to six months to complete.
6. The appraisal report is sent to the Executive Dean by the Director of the Land Acquisition Unit with a copy to the Director of Community College Facilities Planning.
7. The Executive Dean forwards the appraisal report to the Division of the Budget, State of New York, for their approval.
8. After Budget approval, the Executive Dean obtains State University of New York Trustees' approval of the acquisition of the additional property at the appraised price.
9. The county may acquire the property at any time after the Executive Dean's initial approval; however, they cannot be reimbursed for the acquisition until the Budget's and State University of New York Trustees' approvals are obtained.
10. An initial capital budget is recommended to include the purchase of land, site planning and development, and architects-engineers' fees.

STATE UNIVERSITY'S APPRAISAL PROCEDURE

State University's standard procedure requires one appraisal for each property to be acquired. The appraisal report is prepared by an independent fee appraiser and constitutes a comprehensive statement containing detailed documentation of the information which the appraiser used to support his estimate of value.

This appraisal is then reviewed by a staff appraiser who generally follows the following pattern:

- (a) The first consideration is whether or not the appraisal appears to include all the data which is available and pertinent to the value of the subject property.
- (b) The appraisal is studied to determine whether all appraisal processes and approaches to value have been used.
- (c) In the case of an appraisal of a property which is improved by buildings which are to be acquired, the reviewer makes an appointment with the property owner to thoroughly inspect the buildings and check the information in the appraisal and compare it with the physical characteristics of the property to insure that nothing has been omitted nor added that does not physically exist on the property.
- (d) The reviewer locates the comparable sales which have been used by the appraiser and determines whether the description of the sale is accurate.
- (e) The reviewer makes an independent search of data which may have a bearing on the value of the subject property and which may have been overlooked by the appraiser.
- (f) The reviewer compares the data submitted in the appraisal with other area data which may be available to him in appraisals which have been submitted by other parties in that particular area to determine whether there is additional information in one appraisal which may have a bearing on the value of another property.
- (g) In cases where the property owner or claimant has had an appraisal made, the reviewer also inspects the data submitted in that appraisal and compares it with any other information which he has at his disposal to determine the validity of the claimant's appraisal as well as of the one submitted for the State.

Following the above described pattern, the reviewing appraiser submits a written report of his comments and opinions concerning the appraisal report and the subject property. This written report is then attached to and becomes in essence an additional report in respect to the valuation of the subject property.

CODES AND REGULATIONS

All community college buildings and accessory structures (including equipment and mechanical services) shall be constructed in compliance with the requirements set forth in the Building Exits Code and the National Electrical Code recommended by the National Fire Protection Association and as set forth in the New York State Building Construction Code and any applicable local code provisions, except in specific instances where the State University may deem it necessary to require additional safeguards or stricter standards for particular purposes.

The more stringent provision of either the New York State Building Construction Code or the local code will govern.

SUGGESTED SCHEDULE OF FEES
FOR
DESIGN AND SUPERVISION
OF
COMMUNITY COLLEGE BUILDINGS

The following is a suggested schedule of fees which sets forth the maximum amounts that the State will participate. Any additional amount in excess of these fees will not be reimbursed by the State.

Architects Fee Schedule - Combined Design and Supervision

<u>Construction Cost</u>	<u>Fee</u>	<u>Construction Cost</u>	<u>Fee</u>
Under \$ 70,000	8.75%	550,001 - 600,000	7.15%
70,001 - 90,000	8.65%	600,001 - 650,000	7.05%
90,001 - 110,000	8.55%	650,001 - 700,000	6.95%
110,001 - 130,000	8.45%	700,001 - 750,000	6.85%
130,001 - 150,000	8.35%	750,001 - 1,000,000	6.75%
150,001 - 170,000	8.25%	1,000,001 - 1,500,000	6.55%
170,001 - 190,000	8.15%	1,500,001 - 2,000,000	6.45%
190,001 - 210,000	8.05%	2,000,001 - 2,500,000	6.25%
210,001 - 230,000	7.95%	2,500,001 - 3,000,000	6.15%
230,001 - 250,000	7.85%	3,000,001 - 3,500,000	6.05%
250,001 - 300,000	7.75%	3,500,001 - 4,000,000	5.95%
300,001 - 350,000	7.65%	4,000,001 - 4,500,000	5.75%
350,001 - 400,000	7.55%	4,500,001 - 5,000,000	5.55%
400,001 - 450,000	7.45%	5,000,001 - 5,500,000	5.45%
450,001 - 500,000	7.35%	Over - 5,500,000	5.25%
500,001 - 550,000	7.25%		

The basis for supervision in the above schedule is a sliding scale, as follows:

Up to	\$1,000,000	2.0%
\$1,000,001 to	2,000,000	1.9%
2,000,001 to	4,000,000	1.8%
4,000,001 to	4,500,000	1.7%
4,500,001 to	5,000,000	1.6%
Over	5,000,000	1.5%

A. Extra Compensation (to be established in the architect's agreement and approved by State University)

Allowance 10% of computed fee for budget estimating

1. Traveling expenses - shall include personnel of the architect's office but shall not include Resident Engineer or his assistants.

2. Final models, photographs, and other architectural renderings.
3. As-built drawings.
4. Special technical engineering and/or consultation services.
5. Testing laboratory services (if not provided under construction contract).
6. Reproduction of plans, specifications, reports, and other data and documents.
7. Final quantity surveys.
8. Other expenses as approved by State University.

B. Resident Engineer or on-site representative

Allowance \$1,000 per month to include overhead and salary.

C. Certified survey of the site

D. Site work, such as playfields, roads, parking lots, landscaping, etc., at the above fee rate.

Sponsor service may be substituted for any phase of the above work; however, any costs exceeding the above amounts will not be reimbursed by the State. Sponsor service must be approved by State University before proceeding with the work.

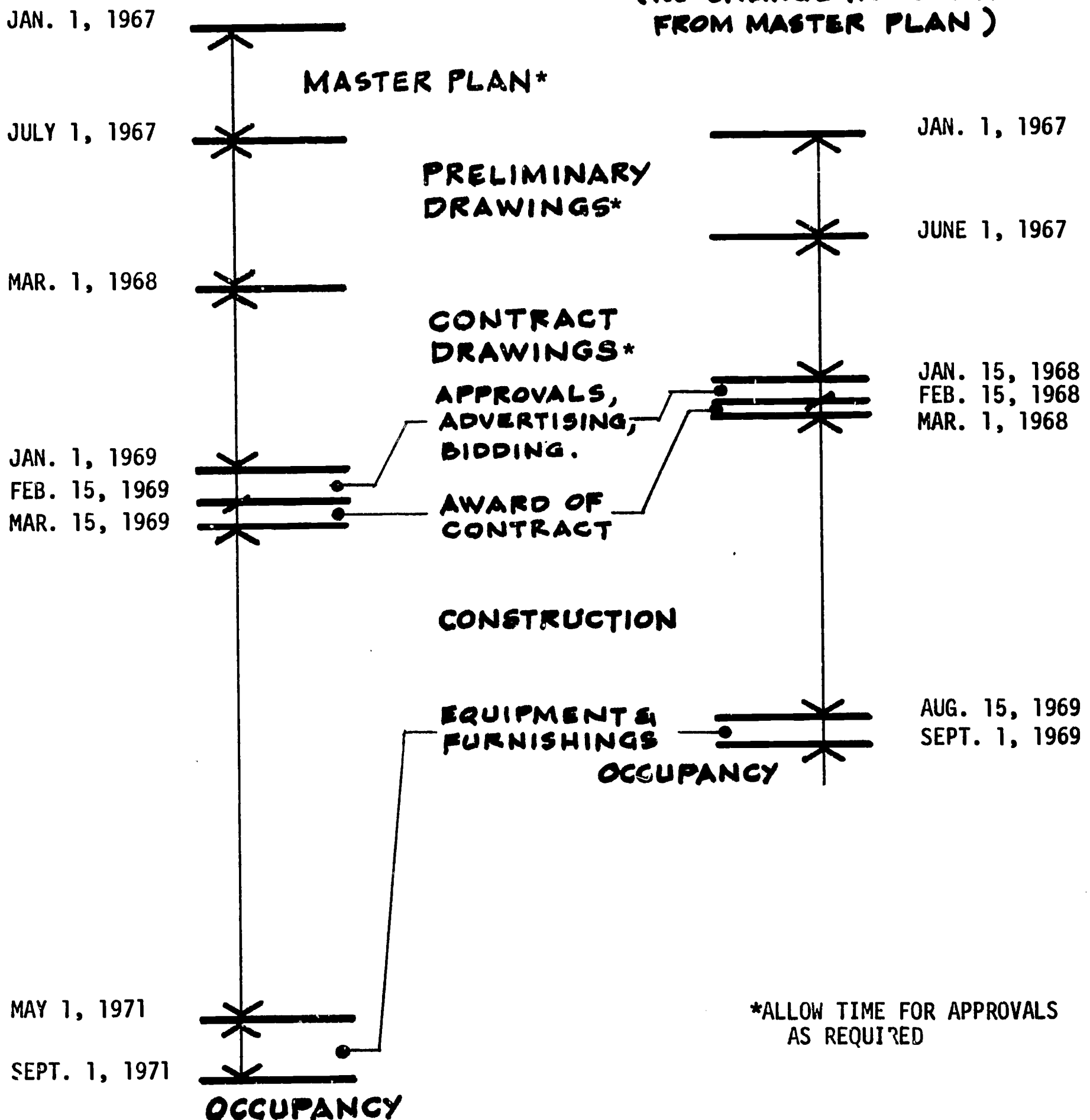
TIME SCHEDULE FOR CAMPUS PLANNING AND CONSTRUCTION

(UTILIZATION PROJECTIONS AND BUILDING REQUIREMENTS
PROGRAMS COMPLETED AND APPROVED.)

TOTAL FACILITY - BLDG. GROUPS

INDIVIDUAL BUILDING

(NO CHANGE IN LOCATION
FROM MASTER PLAN)



OFFICE OF ARCHITECTURE & FACILITIES

TIME SCHEDULES

Tabulation of Progress of Various Existing Community College Projects

COLLEGE	TYPE	COST	UTILIZATION & SPACE REQ.	MASTER PLAN	PRELIMINARY	WORKING DRAWINGS	BIDDING PERIOD	CONSTRUCTION
Monroe	New Campus	\$22.0 M	12 Mo.	6 Mo.	9 Mo.	6 Mo.	4 Mo.	21 Mo.
Queensborough	New Campus, Ph. I	9.4	14	9	9	18	6	24
Staten Island	New Campus, Ph. I	12.5	11	13	9	23	4	24
New York City	Academic & Science Bldg.	9.6	12	-	24	36	5	30
Auburn	Library Bldg.	0.5	-	-	2	13	2	24
Adirondack	New Campus	4.0	6	(Developed with Prel. Plans)	6	7	2	24
Ulster	New Campus, Ph. I	2.5	10	12 (Plus Schematics)	2	6	3	18 (Est.)
Corning	New Campus	4.5	9	8	4	9	1½	24
Erie	Expansion	5.7	5	-	16	In Progress	-	-
Fulton-Montgomery	New Campus	7.0	7	4 (Plus Schematics)	4	Est. 12 Mo. In Progress	2 (Est.)	18 (Est.)
Dutchess	Library	1.5	-	-	11	11	2	22
	Phys. Educ.	1.9	-	-	12	13	4	18
Suffolk	Student Center	2.0	2	-	6	7	3	18
	Humanities	1.8	-	-	6	10	3	18
	Gymnasium	1.2	-	-	6	9	4	24
Westchester	Student Center	1.3	-	-	8	6	3	18
	C. R. Bldg.	1.6	-	-	12	6	3	18
	Phys. Educ.	1.2	-	-	8	6	3	16
	Library	1.7	9	-	6	5	-	-
Mohawk Valley	New Campus	3.7	-	-	16	12	4	30
Jamestown	All-Inclusive Campus Bldg.	0.9	9	-	13	5	2	18
	Science, Eng. & Arts Bldg.	2.4	-	4	8	7	2 (Est.)	24 (Est.)
Broome	Library	1.4	6	-	8	5	1½	18 (Est.)
Jefferson	Phase I	1.1	-	(Developed with Prel. Plans)	16	5	1½	10
	Phase II	2.0	6	-	5	7	2	15 (Est.)
Fashion Institute	Expansion, Ph. I	20.0	8*	(Incl. Ph. II)	12	10	3 (Est.)	26 (Est.)
	Ph. II	8.0	-	-	12	10	3 (Est.)	18 (Est.)
Hudson Valley	Existing Campus	3.3	7	5	12	5	4	30
Average					9.4	10.2	3	21.4

SELECTION OF A SITE

FOR A

COMMUNITY COLLEGE

Site selection is one of the most important aspects of planning for a new campus. It is a decision of considerable gravity for it will determine for many years hence the character and nature of the educational opportunities which can be afforded the youth and adults of an area. Considering all available facts, trends, and forecasts of probable development in the foreseeable future, the most judicial decision is one based on sound criteria. A site selection study will benefit from consultation with such professionals as architects, landscape architects, and engineers.

Although the establishment of rigid criteria for site selection is difficult and risky, the following checklist is established to be used as a guide for selecting sites for community colleges. Though it is possible to argue the merits of a score on one factor relative to another under varying conditions, the use of this rating will provide a reasonably objective device for ranking the various sites under consideration. This checklist was designed to rate and weigh the pros and cons of any particular potential sites.

The list is divided into six major sections of varying importance as follows:

Accessibility	250 points
Site Characteristics	250
Costs	175
Size of Site	150
Environment	100
Integration with Regional Planning	75
Maximum	<u>1000</u> points

Accessibility

Accessibility is a very important aspect in the choice of a location for a new campus. Studies have tended to show that the great majority of students at the existing community colleges arrive by private car pools. (Parking spaces should be provided for 50% of the student enrollment and for 75% of faculty and staff.) Studies also indicate that 90% of the evening class enrollment will drive to the site, no matter how near it is. Ease of access by automobile from all parts of the region is, therefore, rated 50 points, and the availability of bus service is rated 20 points.

Existing or planned highway should be investigated for proper road connections to the site.

The college should be located for the easy and close accessibility for the greatest number of students. In comparing sites to best serve all populated areas, time and distance factors should be developed by multiplying the number of students from each area by the distance to be traveled and by the time it takes to travel the distance to each of the suggested sites.

Maximum travel time by automobile should not be more than 30 minutes.

Site Characteristics

The site should be in one piece and unencumbered by existing or future easements or public rights of way. A rectangular shaped parcel approaching a square is preferred over long, narrow sites, as this permits the best development of the academic area and gives maximum accessibility from the perimeter.

Sites with steep slopes and irregular topography should be carefully evaluated in terms of the building program. The central campus area should be relatively flat for economical construction. All the land need not be flat as many slopes can be used for aesthetic effects. Creative planning can capitalize on the design possibilities of rolling or sloping sites.

Sub-soil conditions should be examined to insure a minimum of rock, quicksand, and sub-surface water conditions. Topsoil should provide for good drainage and be acceptable for vegetative growth.

Costs

Site costs should include:

- (a) Original purchase price
- (b) Development, including demolition and utilities
- (c) Any additional building costs incidental to site conditions

Competition, availability, and location are the major differentials in determining the price of land. Professional appraisals are necessary in determining a fair price for any acquisition. An independent and outside judgment is desirable. The cost of site preparation may be equal to the cost of land as a commodity. Generally, the criteria as to size and condition will eliminate those parcels which impose special costs in the way of site grading, excavation, and drainage. Other factors important in the costs of land preparation are demolition of existing structures, utility connections, and necessary road connections to link the campus and the community.

Loss of taxable property must be evaluated.

Size

The most important criterion is the availability of at least 100 usable acres. It is so important that State University will not approve a suburban site of less than 100 acres. Previously, a total of 150 points were assigned

for this one item alone. Since all suburban sites must have a minimum of 100 acres, the elimination of these 150 points places more weight on the other sections of the checklist and will thus give a greater variance percentage wise for evaluation of sites considered. The approximate breakdown of acreage needs is tabulated on the attached Table II.

Environment

The site should provide safe and healthful conditions for students, faculty, and visitors.

The site should be relatively free from sources of noise and danger such as airports, railroads, and heavily traveled highways. The site should also avoid the extremes of cold, excessive winds, smog, and fog.

The surroundings should tend to create a feeling of pride and respect for the sites and buildings.

Integration with Regional Planning

Acceptability in regional plan.

Noninterference with other regional projects.

Value for extensive use by all citizens of the region as a cultural center.

Though it is possible to argue the merits of a score on one factor relative to another under varying conditions, the use of this rating will provide a reasonably objective device for ranking the various sites under consideration. All sites should be evaluated independently.

SCORE CARD FOR SELECTION OF A SITE FOR A COMMUNITY COLLEGE

Site Under Consideration _____

Total Score _____ Ranking _____

Item	Sub-Score	Score
A. ACCESSIBILITY		250
1. Ease of access by automobile from all parts of the region (road conditions)	50	
2. Availability of bus service	20	
3. Ease of entrance into campus (preferably two entrances)	}	30
4. Suitability of approach roads - widths and surfacing		
5. Existing or planned highway or thruway connections		
6. Safety of approaches		
7. Factor for distance and time travel for students	150	
B. SITE CHARACTERISTICS		250
1. Appropriate shape - approximately square and not irregular	75	
2. Attainment of esthetic values including natural beauty, high elevation and suitable view	}	50
3. Assurance of terrain with no serious handicaps to development		
4. Avoidance of need for bridges or costly construction of roads or other elements	}	75
5. Suitability of entrance and service road opportunities		
6. Avoidance of difficult subsoil conditions or excessive grading	}	25
7. Prevalence of natural resources		
8. Availability of water supply	}	25
9. Availability of sewage connections		
10. Availability of gas connections		
C. COSTS		175
1. Cost of land	75	
2. Cost of site preparation	}	60
a. General adjustment of land contours for building and play areas		
b. Sufficient elevation for safeguarding drainage at reasonable cost		
c. Freedom from drainage from contiguous		
d. Ease of preparation of parking areas, entrances and service roads		

Item	Sub-Score	Score
C. COSTS - Continued		
e. Additional changes for piling, rock excavation, tree removal, and the like		
f. Removal or razing of existing buildings		
3. Cost of utility connections (septic system)	} 30	
a. Length of trenchwork necessary		
b. Extent of pumping needs		
4. Cost of new improvements adjoining and approaching site	} 10	
a. New street paving required		
b. New sidewalk installations		
D. SIZE OF SITE		150
1. Provision for present and future building requirements	50	
2. Provision for adequate athletic activities	25	
3. Adequacy for parking of cars of students, faculty and the public	25	
4. Allowance for educational activities including outdoor theater, observatory, biology and engineering classes	20	
5. Provision for adequate set-back from roads	15	
6. Provision for future growth including possible unforeseen expansion	15	
E. PRESENT AND FUTURE ENVIRONMENT		100
1. Character of nearby housing	} 50	
2. Freedom from business distractions		
3. Separation from industrial developments		
4. Freedom from smoke, dust, odors or power lines		
5. Freedom from air, rail and truck traffic noises		
6. Protection from interference of rail or highway traffic and college automobile traffic	35	
7. Future prospect for surroundings	15	
F. INTEGRATION WITH REGIONAL PLANNING		75
1. Acceptability in regional plan	40	
2. Noninterference with other regional projects	15	
3. Value for extensive use by all citizens of the region as a cultural center	20	
MAXIMUM POSSIBLE SCORE	1,000	1,000

The above is based on a score card prepared by Dr. Engelhardt, Jr., Educational Consultant.

TABLE II

Approximate breakdown of acreage needs for adequate sites for Community Colleges. State University requires a minimum site of 100 acres for a suburban site and 40 acres for an urban site.

Enrollment	1,000	2,000	3,000	4,000	5,000
Gross Bldg. Area	160,000	320,000	480,000	640,000	800,000
Site Bldg. Requirements	100,000 ^a	160,000 ^b	200,000 ^c	240,000 ^c	270,000 ^d
Net Bldg. Requirements	2.5	4	5	6	7
Gross Bldg. Site Req. ^e	7.5-12.5	12-20	15-25	18-30	21-35
Circulation & Open Space	15	15	20	25	30
Outdoor Athletic Fac.	20-30	20-30	30	36	42
Parking ^f	5	10	15	20	25
Expansion	40	40	40	40	40
Total Acres ^g	100	115	130	150	170

a. Mostly one story

b. One, two, and three story

c. Two and three story

d. Two and three story and higher

e. Density Coefficient - .33 - .20

f. Parking - 60% of students and 75% of staff @ 132 per acre

g. Usable acres - Additional suitable buffer acreage is desirable to screen off possible unsightly elements such as low cost housing, commercial, and industrial ventures.

TABLE III
LAND ACREAGES
AT PERMANENT SITES
FOR
COMMUNITY COLLEGES
STATE UNIVERSITY OF NEW YORK

Adirondack Community College	141.00
Auburn Community College	40.00
Borough of Manhattan Community College	Temporary Quarters
Bronx Community College	12 (Air-Rights) + 2.00
Broome Technical Community College	67.30* **
Corning Community College	278.00
Dutchess Community College	71.80
Erie County Technical Institute	120.00
Fashion Institute of Technology	1.87*
Fulton-Montgomery Community College	217.00
Hudson Valley Community College	70.00*
Jamestown Community College	107.00**
Jefferson Community College	135.20
Kingsborough Community College	70.00
Mohawk Valley Community College	86.00
Monroe Community College	318.00
Nassau Community College	173.50
New York City Com. Col. of Applied Arts and Sciences	2.99*
Niagara County Community College	200.00
Onondaga Community College	60.00
Orange County Community College	22.00
Queensborough Community College	34.48
Rockland County Community College	94.00* + (68)
Staten Island Community College	40.00
Suffolk County Community College	135.00* **
Sullivan County Community College	Not Selected
Ulster County Community College	85.00**
Westchester Community College	218.00

*Additional property being acquired.

**Additional land available for future acquisition.

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*Additional property being acquired.

**Additional land available for future acquisition.

POLICY ON AIR CONDITIONING

The following policy has been resolved by the Trustees:

RESOLVED that a policy on air conditioning for new construction, which shall apply to state-aided community college construction, as well as to State University buildings be, and hereby is, approved to provide air conditioning for the following:

- A. A building or space used for instruction or related activities by large groups.
 - 1. Lecture Halls
 - 2. Auditoriums
 - 3. Theatres
 - 4. Dining Halls
 - 5. Student Unions
- B. A building or space used by students, faculty, or administration for a long period of time.
 - 1. Library
 - 2. Administration Space
- C. A building or space that requires temperature or humidity control due to the special nature of instructional or research activity it is designed for.
 - 1. T.V. Studios and Control Rooms
 - 2. Animal Quarters
 - 3. Special Science Labs and Instrument Rooms
 - 4. Language Labs
 - 5. Research Area and Operating Rooms in University Hospitals

Everyone should be governed by the above decisions when determining spaces to be air conditioned.

SUNY Trustees 62-108

GENERAL INSTRUCTION

SUBJECT: List of Air-conditioned Spaces

This list is developed within the framework of SUNY policy. It is to aid interpretation and to supplement program requirements.

I. Academic Facilities

1. LECTURE HALLS BUILDING - All occupied spaces are to be air-conditioned.
(This normally excludes spaces such as lobby, corridor, utility area, toilets, stairways, general storage, service area and related circulation.)
2. LIBRARY BUILDING - Same as I - 1.
3. FINE ARTS BUILDING
 - a) Theatre, auditorium, recital hall and lab-theatre

audience	related lobbies
stage	projection room
 - b) Art Department
art gallery and related lounge
work and storage rooms for photographic development
 - c) Music Department
instrument storage room
instrument and choral rehearsal rooms
4. SCIENCE BUILDING
 - a) Social Science - Laboratories for language, speech, psychology and physiology as per program requirements
 - b. All research labs
 - c) Photo dark room
Cold room (refrigerated space)
Planetarium
Optical dark room
Balance room
Animal room
Special equipment rooms as called for in program

5. OTHER INSTRUCTIONAL AND RELATED SPACES

- a) Lecture rooms, auditorium and related preparation-projection rooms
- b) T. V. studios and related control rooms
- c) Storage and control rooms for audio, video and film tapes
- d) Instrumentation and electronic data control rooms

6. INDUSTRIAL & TECHNICAL BUILDING

- a) Precision measurements lab
- b) Constant temperature room

II. Nonacademic Facilities

- 1. STUDENT UNION BUILDING AND STUDENT ACTIVITIES BUILDING - Same as I - 1.
- 2. ADMINISTRATION BUILDING - Same as I - 1.
- 3. DINING HALLS BUILDING - General lobby and lounge space, dining and serving space.
- 4. SERVICE BUILDING
 - a) Vegetable preparation and storage area
 - b) Meat preparation area

N O T E S:

- 1. Air conditioning may require only cooling, temperature or humidity control as per program requirements or actual need.
- 2. Other spaces, where air conditioning was not programmed, may be air-conditioned only when a written approval is issued by SUNY upon Architect's proposal and recommendation with the understanding that the proposal is economically feasible and within the overall building Program Budget.
- 3. State University will not consider a concept of a "windowless building" completely depending on mechanical air conditioning except for certain portions of Lecture Hall Buildings or special research and science facilities.
- 4. All cooling facilities shall be contained within the specific project. A small complex of adjacent buildings may contain a central unit with distribution and a common cooling tower if economically advisable.

CARPETING

In all locations where carpeting is approved, it is to be installed on a pad directly over the concrete floor fill, and unless otherwise specified, it is to extend from wall to wall.

Carpeting has been approved for the following areas:

<u>A. Offices of the Chief Administrator</u>	<u>Not to Exceed</u>
1. President's suite	400 sq. ft.
2. Secretaries to President	240 sq. ft.
 <u>B. Offices of Assistants to Chief Administrator</u>	
1. V. P. Academic Affairs	300 sq. ft.
2. V. P. Student Affairs	300 sq. ft.
3. Assistant to President	240 sq. ft.
 <u>C. Offices of Program Directors</u>	240 sq. ft.
Examples: Directors Deans Department Heads	
 <u>D. Gallery (Fine Arts Building)</u>	1200 sq. ft.
 <u>E. Library</u>	
1. Reading areas - Reserve Book Room Informal Reading Room Archives and Rare Book Room	
2. Typing Rooms	
3. Music Listening Rooms	
 <u>F. Faculty Lounge</u>	
 <u>G. Auditorium - Aisles and Front Section only</u>	
 <u>H. Language Labs</u>	
 <u>I. Humanities Building - Speech Therapy Rooms</u>	
 <u>J. Student Union Buildings</u>	
Main Lounge	2000-3000 sq. ft.
Auxiliary Lounge	2000 sq. ft.
or	
Student Lounges	3 @ 500 + 3 @ 240 = 2000 sq. ft.

J. Student Union Buildings (Continued)

Not to Exceed

If an auxiliary lounge is provided in this building, it will be carpeted, but if a series of student lounges is provided instead, each of the lounges will be carpeted.

Quiet Room	500 sq. ft.
Private Dining Room	360 sq. ft.
or	
Faculty Dining Room	1500 sq. ft.

If a Faculty Dining Room is provided in this building, it will be carpeted. If a Private Dining Room is provided instead, that will be carpeted.

T. V. Rooms	3 @ 360 = 1080 sq. ft.
Conference Room - Staff	360 sq. ft.
Director's Office	180 sq. ft.
Reading and Music Rooms	960 sq. ft.

In the event the Architect recommends carpeting for any spaces not specifically approved, he will prepare written justification for same. The justification should clearly describe and enumerate - Acoustics, Lighting, Aesthetics, Maintenance, Economics and other related subjects as may affect these and related spaces.

COST GUIDES FOR COMMUNITY COLLEGES

COST ELEMENTS*

<u>Building Function</u>	<u>Factor of Increase Net to Gross Area</u>	<u>Cost Per Gross SF</u>	<u>Elevator Extra Cost Per Gross SF</u>	<u>Air Conditioning Extra Cost Per Gross SF</u>
Administration	1.5	\$21.00	\$.63	\$3.02
Classroom	1.5	21.00	.63	3.02
Industrial Technology	1.6	20.00	.63	3.02
Science Laboratory and Classroom	1.64	26.00	.63	2.58
Library	1.32	22.61	.63	1.71
Auditorium	1.26	28.47	.63	1.80
 <u>Building Type</u>				
Student Center	1.70	24.84	.63	2.06
Physical Education	1.42	23.11	.63	2.96
Fine Arts Classroom	1.67	25.00	-	INC.**
Fine Arts Theater	2.00	31.00	-	INC.**
Lecture Center	1.80	24.50	-	INC.**
Field House	1.00	12.00	-	-
Service	1.33	19.00	-	-

*To be multiplied by cost index for various campuses.
Escalation varies from 3 to 5% per year depending on
locality and year of prospective bid. Contact Director
of Community College Facilities Planning for escalation
factor for a specific area of the State.

**Air conditioning included in the base cost.

January 1, 1967

CONSTRUCTION COST INDEX FOR THE VARIOUS CAMPUS LOCATIONS
USING ALBANY METROPOLITAN AREA AS 1.00

<u>College</u>	<u>Cost Index</u>
Albany	1.0
Adirondack	1.0
Auburn	1.029
New York Metropolitan Area	1.141
Broome	1.07
Corning	1.07
Dutchess	1.094
Erie	1.024
Fulton-Montgomery	1.0
Jamestown	1.0
Jefferson	1.029
Mohawk	1.0
Monroe	1.09
Nassau	1.14
Niagara	1.024
Onondaga	1.029
Orange	1.094
Suffolk	1.123
Sullivan	1.094
Ulster	1.094
Westchester	1.14

CONSTRUCTION COST INDEX BY YEAR

	<u>Base</u>	
	<u>1966</u>	<u>1967</u>
1967	-	1.0
1966	1.00	1.04
1965	1.004	1.084
1964	1.079	1.119
1963	1.109	1.149
1962	1.127	1.167
1961	1.150	1.190
1960	1.171	1.211
1959	1.201	1.241
1958	1.224	1.264
1957	1.238	1.278
1956	1.271	1.311
1955	1.335	1.375
1954	1.383	1.423
1953	1.403	1.443
1952	1.416	1.456

In order to find current cost of a project bid, multiply the cost by the index for that year. Example, a building cost \$18.00/sq. ft. in 1960; in 1966 the same building would cost $1.171 \times \$18.00 = \$21.08/\text{sq. ft.}$; or in 1967 we expect it to cost approximately 4% more or $\$21.92/\text{sq. ft.}$

January 1, 1967

EQUIPMENT COST

Based on Percentage of Total Estimate Cost of Building
(Minus S.C. & I.G.)

12%

Physical Education

18%

Auditoriums
Administration

20%

Service Group
Business Administration

23%

Classroom

25%

Library

30%

Student Union
Social Science
Fine Arts
Humanities

35%

Science Building
 Physics
 Chemistry
 Biology
Industrial Tech Bldgs.

This chart shows a comparison of these space guides with actual gross area taken from the final drawings for Monroe Community College. Although there is a variance in individual buildings, the total gross areas are very close. The variance in areas for individual buildings is due to a shift in student non-instructional spaces such as lockers, auxiliary lounges, toilet facilities, and service and mechanical space located in one building but serving other buildings.

ESTIMATING GROSS AREAS
(Monroe Community College)

	<u>Net Area</u>		<u>Net to Gross Factor</u>		<u>Estimated Gross Area</u>	<u>Actual Gross Area</u>
1 Administration	22,648	x	1.5	=	33,972	49,693
2 Library	52,930	x	1.32	=	70,573	163,038
3 Student Center	61,735	x	1.7	=	104,950	
4 Fine Arts Bldg.	27,703	x	1.67	=	46,163	35,092
5 Office & Lecture	22,641	x	1.67	=	37,740	55,082
6 Humanities	32,028	x	1.6	=	54,000	66,926
7 Science	52,599	x	1.64	=	86,264	61,959
8 Office & Lecture	28,506	x	1.67	=	47,506	70,100
9 Engineering Technical	57,102	x	1.6	=	91,363	79,839
10 Gymnasium	51,755	x	1.42	=	72,457	66,084
10A Storage-Athletic					450	450
11 Service Building	13,931	x	1.33	=	18,571	15,831
Total					663,909	664,094
Area/Student Designed Capacity	$\frac{664,094}{4,000}$			=	166 Square Feet	
Area/Student 1970 Enrollment	$\frac{664,094}{4,600}$			=	144 Square Feet	

This chart shows a comparison of using our unit cost data in estimating the cost of Monroe Community College with actual bid costs.

ESTIMATING PROJECT COST
(Monroe Community College)

	<u>Gross Area</u>		<u>Unit Cost</u>		<u>Estimated Cost</u>		<u>Actual Bid Cost</u>
1 Administration	33,972	x	\$24.31	=	\$ 825,859		
2 Library	70,573	x	24.32	=	1,716,335		
3 Student Center	104,950	x	26.90	=	2,823,155		
4 Fine Arts Bldg.	46,163	x	25.00	=	1,154,100		
5 Office & Lecture	37,740	x	24.50	=	924,630		
6 Humanities	54,000	x	21.41	=	1,156,140		
7 Science	86,264	x	26.31	=	2,269,606		
8 Office & Lecture	47,506	x	24.50	=	1,163,897		
9 Engineering Technical	91,363	x	21.00	=	1,918,623		
10 Gymnasium	72,457	x	23.50	=	1,702,740		
10A Storage-Athletic	450				15,007		
11 Service Building	18,571	x	15.00	=	278,565		
Estimated Building Cost					<u>\$15,948,657</u>		
Location Factor				x	1.09		
Estimated Cost (Monroe Area) 1966					<u>\$17,385,035</u>		
For 1965 Bid (minus escalation 3½%)					608,476		
Total Estimated Building Cost (for 1965)					<u>\$16,776,560</u>		\$16,064,123
Utilities - 8%					\$ 1,342,125	9%	1,443,234
Site Work - 12%					<u>2,013,187</u>	12.4%	<u>1,983,225</u>
Total Estimate					<u>\$20,131,872</u>		<u>\$19,490,582</u>
Planning, Supervision & Administration							
Master Planning					25,000		28,500
Architect-Engineers Fee - 6%					1,200,000		1,166,422
Adminis., Supervision & Contingencies - 1%					<u>200,000</u>		<u>300,000</u>
Total Estimated Project Cost					<u>\$21,556,872</u>		<u>\$20,985,504</u>
Equipment Cost					\$ 3,281,500		\$ 500,000
Cost/Student Designed Capacity	<u>\$21,485,504</u> 4,000			=			\$ 5,370
Cost/Student 1970 Enrollment	<u>\$21,485,504</u> 4,600			=			\$ 4,670

MONROE COMMUNITY COLLEGE

CAMPUS CONSTRUCTION

CONSTRUCTION BASE COST		\$16,064,123
Construction	\$14,940,906	
Fixed Equipment	771,815	
Food Service	<u>351,402</u>	
UTILITIES		1,443,234
Utilities	\$ 762,265	
Steam Transmission	<u>680,969</u>	
SITE WORK		1,983,225
Rough Grading	\$ 247,800	
Paving and Grading	1,527,985	
Landscaping	100,000	
Exterior Lighting	<u>107,440</u>	
PLANNING, SUPERVISION & ADMINISTRATION		1,494,922
Master Planning	\$ 28,500	
Architect's/Engineer's Fees	1,166,422	
Owners Administrative Expense, Supervision, and Contingencies	<u>300,000</u>	
EQUIPMENT-FURNISHING		<u>500,000</u>
TOTAL		\$21,485,504
LAND		
Cost of Land Purchases	\$ 931,173	
plus County owned land donated		
Appraised Value for 318 Acres		\$ 1,292,500

STATE UNIVERSITY OF NEW YORK
OFFICE OF ARCHITECTURE AND FACILITIES

MONROE COMMUNITY COLLEGE

CAMPUS CONSTRUCTION

Bid August 27, 1965

	<u>Programed</u> <u>Net Sq. Ft.</u>	x	<u>Factor</u>	=	<u>Gross Sq. Ft.</u>	x	<u>Unit Cost</u>	
Constr. Base Cost	425,000		1.58		664,094		\$24.20	\$16,064,123
Utilities							9.0%	1,443,234
Site Work (318 Acres)							12.4%	1,983,225
								<u>\$19,490,582</u>
Planning, Supervision, and Administration							7.6%	1,494,922
								<u>\$20,985,504</u>
Furnishings**							3.1%	500,000
Total								<u>\$21,485,504</u>
Area/Student*								166 Sq. Ft.
Cost/Student*								\$5,370

*Student Enrollment - 4000

Student Union, Library & Gymnasium designed for enrollment of 6000 students.

**Furnishings - Existing furnishings as desks, chairs, tables, lab equipment, etc., to be reused.

MONROE COMMUNITY COLLEGE

CAMPUS CONSTRUCTION

	<u>Bids</u>	<u>Cost/S.F.</u>	<u>Per Cent</u>
ADMINISTRATION			
BLDG. #1			
General Construction	\$ 635,000	\$12.77	59
Mechanical	250,840	5.05	23
Electrical	188,336	3.79	18
Total	\$ 1,074,176	\$21.61	100
Area	49,693 S.F.		
LIBRARY & STUDENT CENTER			
BLDG. #2 & 3			
General Construction	\$ 2,114,000	\$12.96	57
Mechanical	901,037	5.52	24
Electrical	670,852	4.10	19
Total	\$ 3,685,889	\$22.60	100
Area	163,038 S.F.		
FINE ARTS			
BLDG. #4			
General Construction	\$ 728,000	\$20.74	69
Mechanical	178,754	5.09	17
Electrical	144,800	4.13	14
Total	\$ 1,051,554	\$29.96	100
Area	35,092 S.F.		
OFFICE-LECTURE			
BLDG. #5			
General Construction	\$ 775,000	\$14.06	63
Mechanical	260,640	4.73	21
Electrical	191,500	3.48	16
Total	\$ 1,227,140	\$22.27	100
Area	55,082 S.F.		

	<u>Bids</u>	<u>Cost/S.F.</u>	<u>Per Cent</u>
HUMANITIES			
BLDG. #6			
General Construction	\$ 751,000	\$11.22	57
Mechanical	313,588	4.68	24
Electrical	252,376	3.77	19
Total	\$ 1,316,964	\$19.67	100
Area	66,926 S.F.		
SCIENCE			
BLDG. #7			
General Construction	\$ 1,103,000	\$17.80	51
Mechanical	763,892	12.33	36
Electrical	276,795	4.46	13
Total	\$ 2,143,687	\$34.59	100
Area	61,959 S.F.		
OFFICE-LECTURE			
BLDG. #8			
General Construction	\$ 844,000	\$12.04	60
Mechanical	303,433	4.33	21
Electrical	264,476	3.77	19
Total	\$ 1,411,909	\$20.14	100
Area	70,100 S.F.		
ENGINEERING TECHNOLOGY			
BLDG. #9			
General Construction	\$ 887,000	\$11.11	60
Mechanical	241,570	3.03	16
Electrical	343,282	4.29	24
Total	\$ 1,471,852	\$18.43	100
Area	79,839 S.F.		
GYMNASIUM			
BLDG. #10			
General Construction	\$ 891,000	\$13.48	67
Mechanical	258,298	3.91	19
Electrical	172,476	2.61	14
Total	\$ 1,321,774	\$20.00	100
Area	66,084 S.F.		

	<u>Bids</u>	<u>Cost/S.F.</u>	<u>Per Cent</u>
BLDG. #10A			
General Construction	\$ 10,000	\$22.22	66
Mechanical	480	1.06	4
Electrical	4,527	10.06	30
Total	\$ 15,007	\$33.34	100
Area	450 S.F.		
BLDG. #11			
General Construction	\$ 225,000	\$14.22	68
Mechanical	40,454	2.55	12
Electrical	62,940	3.97	20
Total	\$ 328,394	\$20.74	100
Area	15,831 S.F.		
SUMMARY TOTALS			
General Construction	\$ 8,963,000	\$13.49	60
Mechanical	3,512,986	5.28	23
Electrical	2,572,360	3.88	17
Total	\$15,048,346	\$22.65	100
Area	664,094 S.F.		

SUMMARY OF CONSTRUCTION COST FOR COMMUNITY COLLEGES
Cost Includes General Construction, Plumbing, Heating & Electrical Work
(Site Work and Equipment Cost Not Included)

COLLEGE	BUILDING	DATE OF BID	AMOUNT OF CONSTR. BID	AREA	1966		ESCALATION FACTOR	1966		LOCAL COST INDEX	1966	
					COST PER SQ.FT.	COST PER SQ.FT.		COST PER SQ.FT.	COST PER SQ.FT.			
Adirondack	Phase I	9/10/65	\$3,019,764	153,888	\$19.60	\$20.46	1.044	\$20.46	1.0		\$20.46	
	Administration	9/10/65	270,631	9,177	29.50	30.80		30.80			30.80	
	Student Ctr.	9/10/65	446,740	25,339	17.63	18.40		18.40			18.40	
	Classroom Bldg.	9/10/65	488,026	27,702	17.62	18.40		18.40			18.40	
	Library	9/10/65	360,602	23,900	15.10	15.76		15.76			15.76	
Auburn	Science Bldg.	9/10/65	439,141	23,563	18.63	19.45		19.45			19.45	
	Lecture Hall	9/10/65	352,888	13,437	26.26	28.41		28.41			28.41	
	Gymnasium	9/10/65	661,735	31,440	21.00	21.92		21.92			21.92	
	General	10/09/57	1,243,658	80,420	15.47	18.15	1.238	18.15	1.04		17.45	
	Library/C.R. Bldg.	6/01/63	550,366	39,088	16.00	17.74	1.109	17.74	1.04		17.05	
Broome	Phase I	9/01/55	2,266,059	137,000	16.50	22.02	1.335	22.02	1.08		20.39	
	Fine Arts Bldg.	10/ /61	718,687	40,250	17.85	20.53	1.15	20.53	1.08		19.00	
	Library	5/27/66	1,217,395	46,260	26.30	26.30	1.0	26.30	1.08		24.35	
	Phase I	7/01/62	3,784,404	166,579	22.66	25.54	1.127	25.54	1.08		23.74	
	Library	7/01/62	625,073	26,570	23.52	26.51	1.127	26.51	1.08		24.56	
Corning	C.R. & Adminis.	7/01/62	841,499	40,622	20.73	23.36	1.127	23.36	1.08		21.64	
	Science Tech.	7/01/62	931,291	40,365	23.28	26.24	1.127	26.24	1.08		24.30	
	Student Union	7/01/62	711,067	32,158	19.10	21.53	1.127	21.53	1.08		20.00	
	Gymnasium	7/01/62	675,474	26,864	25.20	28.40		28.40	1.08		26.30	
	Tech. Science											
Dutchess	Student Ctr.											
	Library	9/15/64	1,059,428	33,296	31.00	33.45	1.079	33.45	1.09		30.68	
	Gymnasium	11/10/64	1,307,690	50,100	26.00	28.26	1.079	28.26	1.09		25.93	
	Phase I	11/18/58	4,901,069	276,417	17.73	21.70	1.224	21.70	1.07		20.03	
	Adminis. & C.R.											
Erie	Library											
	Student Ctr.											
	Lab C.R. #1											
	Lab C.R. #2											
	Lab C.R. #3											
	Lab C.R. #4											

COLLEGE	BUILDING	DATE OF BID	AMOUNT OF CONSTR. BID	AREA	COST PER SQ.FT.	ESCALATION FACTOR	1966		1966 BASE COST PER SQ.FT.
							COST PER SQ.FT.	LOCAL COST INDEX	
New York City	Auditorium & Gym	6/15/61	\$2,338,805	60,446	\$37.04	1.15	\$42.59	1.17	\$36.40
	Academic-Science	11/13/64	9,119,317	360,615	25.33	1.079	27.33	1.17	23.36
	Classroom Building	6/ /62	896,527	53,196	16.80	1.127	18.93	1.07	17.70
	Student Union & Gym	2/ /57	708,500	37,600	18.80	1.238	23.27	1.07	21.75
	Library	2/ /57	210,800	11,480	18.30	1.238	22.65	1.07	21.17
	Classroom Building	2/ /53	219,900	15,732	14.00	1.403	19.64	1.07	18.35
Queensborough	Tech. Building	8/ /61	760,714	24,180	31.50	1.15	36.22	1.17	30.96
	Phase I	5/05/65	9,403,650	357,000	26.33	1.044	27.49	1.17	23.50
	Library-Adminis.	5/05/65							
	Science	5/05/65							
	Gymnasium	5/05/65							
Rockland	General								
	Phase I	4/08/65	8,626,785	307,058	28.00	1.044	29.23	1.17	25.00
	Science Tech.	4/08/65							
	Health & Arts	4/08/65							
	Academic	4/08/65							
Suffolk	Service	4/08/65							
	Gymnasium	10/ /63	1,250,723	53,942	23.10	1.109	25.62	1.13	22.67
	Humanities	5/ /64	2,032,399	85,000	23.90	1.079	25.79	1.13	22.82
	Student Center	1/ /66	1,487,188	60,220	24.70	1.0	24.70	1.13	21.86
	Library	9/01/66	1,893,351	66,687	28.36	1.0	28.36	1.13	25.10
Ulster	Phase I	12/20/65	1,659,980	66,923	24.76	1.044	25.85	1.047	24.69
	All Purpose	12/20/65	175,890	7,080	28.00	1.044	29.23	1.047	27.92
	Library	12/20/65	473,540	15,752	30.40	1.044	31.74	1.047	30.32
	Business Studies	12/20/65	449,700	21,680	20.72	1.044	21.63	1.047	20.64
	Science	12/20/65	515,850	21,840	23.55	1.044	24.60	1.047	23.50
Westchester	Engineering Tech.	7/20/60	1,275,000	70,571	18.07	1.171	21.16	1.15	18.40
	Student Center	7/19/61	1,281,974	54,450	23.50	1.15	27.12	1.15	23.60
	Gymnasium	2/20/63	1,188,050	54,234	21.93	1.109	24.32	1.15	21.15
	Classroom Bldg.	5/01/65	1,310,225	54,000	24.26	1.044	25.32	1.15	22.00
	Library	7/ /66	1,268,850	51,307	24.73	1.0	24.73	1.15	21.50

AVERAGE COST
FOR
COMMUNITY COLLEGE BUILDINGS

	<u>Average Cost Per Square Foot</u>
Administration	\$20.88
Industrial Technology	19.85
Classroom	18.44
Lecture Center	22.00
Fine Arts	23.52
Faculty Office	20.96
Auditorium	32.00
Library	22.44
Gymnasium	23.11
Science	24.03
Student Center	20.74
Service	19.38

JOB COST BREAKDOWN

- Area
Sq. Ft.

Stage I

Glens Falls, N. Y. Wilkes-Barre, Pa.

- | | |
|----------------------|----------------|
| Administration Bldg. | 25,339 |
| Student Center. | 31,440 |
| Gymnasium | 9,177 |
| Classroom Bldg. | 27,702 |
| Library | 23,230 |
| Laboratory | 23,563 |
| Lecture Hall | 13,437 |
| | <u>153,888</u> |

- September 10, 1965

- \$ 2,586,720**

\$ 291,068

\$ 182,263

484,845

\$ 28,994

\$ 3,573,890

\$ 49,527

13,809

\$ 11,983

21,277

⌘

- 153,888 sq.ft.

- 2,238,832 cu.ft.

- \$ 19.60 (Excluding Site Work)**

- \$ 1.35**

- Estimated September 1967**

- Foundations - part piles, part rock excavation - Superstructure poured in place rein-
forced concrete grid flat slab system and roof deck. Gym & Lecture Hall - precast
prestressed tie beams, 4" brick, 2" rigid insulation and 8" concrete block, electric
heat. Library and Lecture Hall - air conditioned. Administration has heating-cooling
units throughout.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Auburn Community College

Auburn, New York

General

ARCHITECT

Beardsley and Beardsley

2. DESCRIPTION OF STRUCTURE

General - Includes Gym, Auditorium, Bookstore,
Student Union, Classrooms, Laboratories (general
Chemistry, Analytical Chemistry, Physics, and
Biology).

3. DATE OF BID

October 9, 1957

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 902,353

PLUMBING

\$ 56,600

HEATING

\$ 152,850

ELECTRICAL

\$ 131,847

TOTAL

\$ 1,243,650

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

80,420 sq.ft.

6. CUBIC FEET OF BUILDING

1,229,200 cu.ft.

7. COST/SQ. FT.

\$ 15.47

8. COST/CU. FT.

\$ 1.01

9. DATE OF OCCUPANCY

September 1959

10. MISCELLANEOUS INFORMATION

Gym-Auditorium - structural steel, other areas concrete frame. Brick-block (Ext.),
Brick-block (Int.), stair and corridor - terrazzo. Classrooms - asphalt tile floors,
acoustical tile ceilings. Heating - forced hot water unit ventilators.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Auburn Community College

Auburn, New York

Library-Classroom Building

ARCHITECT

Beardsley and Beardsley

2. DESCRIPTION OF STRUCTURE

Library and Classroom Building

Four classrooms, lecture room, art room, faculty
offices (unfinished basement under library area).

3. DATE OF BID

4. TAEULATION OF BIDS

GENERAL CONSTRUCTION

\$ 391,519

PLUMBING

\$ 29,700

HEATING

\$ 64,623

ELECTRICAL

\$ 64,524

TOTAL

\$ 550,366

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

39,088* sq.ft.

6. CUBIC FEET OF BUILDING

545,084 cu.ft.

7. COST/SQ. FT.

18.56 (Excluding Basement)

\$ 14.08 (Including Basement)

8. COST/CU. FT.

1.20 (Excluding Basement)

\$ 1.01 (Including Basement)

9. DATE OF OCCUPANCY

September 1965

10. MISCELLANEOUS INFORMATION

*(Includes 9,437 square feet unfinished basement)

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Broome Technical Community College
Binghamton, New York
Phase I

ARCHITECT

A. T. Lacey & Sons

2. DESCRIPTION OF STRUCTURE

Administration Building, Science Building,
Electrical Tech. Building, Maintenance Building,
Mechanical Tech. Building, Gymnasium and Student
Service Center Building

3. DATE OF BID

September 1955

4. TABULATION OF BIDS

Student
Center

GENERAL CONSTRUCTION

\$ 978,900 + 433,212 = 1,412,112

PLUMBING

\$ 102,450 + 91,830 = 194,280

HEATING

\$ 153,480 + 109,995 = 263,475

ELECTRICAL

\$ 304,852.93 + 91,339 = 396,191.93

\$ 1,539,682.93 + 726,376 =

\$ 2,266,058.93

TOTAL (\$726,376 - Gym-Student Center)

KITCHEN EQUIPMENT

\$

SITE WORK

\$ 272,000

EQUIPMENT

\$

FURNITURE

\$ 153,000 + 66,136 = 219,136

5. SQUARE FOOT AREA OF BUILDING

137,000 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 16.50

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

JOB COST BREAKDOWN

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Broome Technical Community College

Binghamton, New York

Titchener Hall

ARCHITECT

A. T. Lacey & Sons

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

October 1961

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 423,200

PLUMBING

\$ 42,865

HEATING

\$ 154,845

ELECTRICAL

\$ 87,777

TOTAL

\$ 718,687

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

40,250 sq.ft.

6. CUBIC FEET OF BUILDING

 cu.ft.

7. COST/SQ. FT.

\$ 17.85

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Corning Community College
Corning, New York

ARCHITECT

2. DESCRIPTION OF STRUCTURE

Total Campus

3. DATE OF BID

July 1962

4. TABULATION OF BIDS (Including C.O.)

GENERAL CONSTRUCTION

\$ 2,719,611.83

PLUMBING

\$ 206,416.57

HEATING

\$ 501,333.00

ELECTRICAL

\$ 357,043.00

TOTAL

\$ 3,784,404.40

KITCHEN EQUIPMENT

\$

SITE WORK { Site \$364,203.00
Water/Sewer 138,638.93

\$ 502,841.93

EQUIPMENT, PROFESSIONAL SERVICES, MISCELLANEOUS

\$ 473,973.23

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

166,579 sq.ft.

6. CUBIC FEET OF BUILDING

2,486,822 cu.ft.

7. COST/SQ. FT.

\$ 22.66

8. COST/CU. FT.

\$ 1.50

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

JOB COST BREAKDOWN

Library

Simion "Ed" Gulamerian, Architect in charge

September 15, 1964

September 1966

Vinyl wall covering carpeting.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Erie County Technical Institute
Buffalo, New York
Phase I Construction

ARCHITECT

Duane Lyman and Associates, Buffalo, New York

2. DESCRIPTION OF STRUCTURE

An eight building complex of steel and masonry
materials in one and two story configurations

3. DATE OF BID

November 18, 1958

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 3,430,818.96

PLUMBING

\$ 252,649.35

HEATING

\$ 533,667.69

ELECTRICAL

\$ 683,933.00

TOTAL

\$ 4,901,069.00

KITCHEN EQUIPMENT

\$ 256,593.55

SITE WORK

\$ 449,706.00

EQUIPMENT

\$ 1,207,361.54

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

276,417 sq.ft.

6. CUBIC FEET OF BUILDING

4,160,124 cu.ft.

7. COST/SQ. FT.

\$ 17.73

8. COST/CU. FT.

\$ 1.18

9. DATE OF OCCUPANCY

September 1960

10. MISCELLANEOUS INFORMATION

*SEE REVERSE SIDE

Phase I

A.	Administration	45,645 Sq. Ft.
B.	Library	36,527
C.	Student Center	63,300
D.	Gymnasium	27,156
E.	Electrical	23,083
F.	Mechanical	23,580
G.	Construction	29,511
H.	Chem., Met.	
	Med. Office	27,615
		<u>276,417 Sq. Ft.</u>

*MISCELLANEOUS INFORMATION

Architects Engineering Services	\$ 372,500.02
General Construction	3,430,818.96
Plumbing	252,649.35
Heating	533,667.69
Electrical	683,933.00
Preliminary Expense & Survey Costs	3,201.72
Acquisition of Property	299,032.85
Appraisal of Property	575.00
Site Development	449,706.00
Sanitary Sewage	25,759.25
Sanitary Drain - Spring Student Center	3,719.60
Added Parking & Drainage	10,373.30
Landscaping and Finishing	343,729.45
Equipment (Food Lab Equipment - \$256,593.55)	1,463,955.09
Moving of Equipment	69,701.97
Installation of Telephone System	3,146.50
Interior & Exterior Signs	6,140.00
Investigation re Construction	9,260.91
Total Cost of Erie County Technical Institute	<u>\$7,961,870.66</u>

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Fashion Institute of Technology
New York, New York

ARCHITECT

de Young & Moscovitz and Rosenberg, Architects

2. DESCRIPTION OF STRUCTURE

Stage I - Permanent Campus Building
Administration, Student Activities, Auditorium,
Gymnasium, Library, Design & Technology Labs,
Classrooms, Lecture Rooms, and Faculty Offices.

3. DATE OF BID

November 15, 1956

4. TABULATION OF BIDS

	\$5,900,000	
<u>GENERAL CONSTRUCTION</u>	+ 494,080 (Elevs.)	\$ 6,394,080
	\$6,394,080	
<u>PLUMBING</u>		\$ 523,455
<u>HEATING</u>		\$ 668,275
<u>ELECTRICAL</u>		\$ 1,153,000
<u>TOTAL</u>		\$ 8,814,000
<u>KITCHEN EQUIPMENT</u>		\$
<u>SITE WORK</u>		\$
<u>EQUIPMENT</u>		\$
<u>FURNITURE</u>		\$

5. SQUARE FOOT AREA OF BUILDING

298,000 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 29.60

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

May 1959

10. MISCELLANEOUS INFORMATION

Nine-story building and basement with attached Gymnasium-Auditorium wing. Basement contains student services and Gym; 1st floor contains Administration, Lobby & Exhibit Space; 2nd floor contains Auditorium, Library & Administration; 3rd floor contains Dining Rooms, Kitchen, Labs; 4th floor through 8th contain Labs, Classrooms, Lecture Rooms and Faculty Offices; 9th floor contains Administration, Conference Rooms, and Art Rooms.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

<p>1. <u>NAME AND LOCATION OF STRUCTURE</u> Hudson Valley Community College Troy, New York</p> <hr/> <p><u>ARCHITECT</u> Robert A. Green, Tarrytown, New York</p> <hr/> <p>2. <u>DESCRIPTION OF STRUCTURE</u> Phase I</p> <hr/> <hr/> <hr/> <hr/> <p>3. <u>DATE OF BID</u> February 27, 1959</p> <hr/> <p>4. <u>TABULATION OF BIDS</u></p> <table border="0" style="width: 100%;"><tr><td style="width: 55%;"><p><u>GENERAL CONSTRUCTION</u></p></td><td style="width: 45%; text-align: right;">\$ 1,999,875</td></tr><tr><td><p><u>PLUMBING</u></p></td><td style="text-align: right;">\$ 172,615</td></tr><tr><td><p><u>HEATING</u></p></td><td style="text-align: right;">\$ 229,125</td></tr><tr><td><p><u>ELECTRICAL</u></p></td><td style="text-align: right;">\$ 312,628</td></tr><tr><td><p><u>TOTAL</u></p></td><td style="text-align: right;">\$ 2,714,243</td></tr><tr><td><p><u>KITCHEN EQUIPMENT</u></p></td><td style="text-align: right;">\$</td></tr><tr><td><p><u>SITE WORK</u></p></td><td style="text-align: right;">\$ 230,000</td></tr><tr><td><p><u>EQUIPMENT</u></p></td><td style="text-align: right;">\$ 240,000 + \$52,000 (Equipment Connection)</td></tr><tr><td><p><u>FURNITURE</u></p></td><td style="text-align: right;">\$</td></tr></table>	<p><u>GENERAL CONSTRUCTION</u></p>	\$ 1,999,875	<p><u>PLUMBING</u></p>	\$ 172,615	<p><u>HEATING</u></p>	\$ 229,125	<p><u>ELECTRICAL</u></p>	\$ 312,628	<p><u>TOTAL</u></p>	\$ 2,714,243	<p><u>KITCHEN EQUIPMENT</u></p>	\$	<p><u>SITE WORK</u></p>	\$ 230,000	<p><u>EQUIPMENT</u></p>	\$ 240,000 + \$52,000 (Equipment Connection)	<p><u>FURNITURE</u></p>	\$	<p style="text-align: center;"><u>PHASE I BUILDINGS</u></p> <table border="0" style="width: 100%;"><tr><td style="width: 60%;"></td><td style="width: 20%; text-align: right;">\$</td><td style="width: 20%;"></td><td style="width: 10%; text-align: right;"><u>Sq. Ft.</u></td></tr><tr><td>Administration</td><td style="text-align: right;">572,849</td><td></td><td style="text-align: right;">37,130</td></tr><tr><td>Science</td><td style="text-align: right;">773,126</td><td></td><td style="text-align: right;">52,371</td></tr><tr><td>Technical #1</td><td style="text-align: right;">412,572</td><td></td><td style="text-align: right;">27,988</td></tr><tr><td>Technical #2</td><td style="text-align: right;">412,572</td><td></td><td style="text-align: right;">26,650</td></tr><tr><td>Student Union</td><td style="text-align: right;">543,126</td><td></td><td style="text-align: right;">35,547</td></tr><tr><td>Total</td><td style="text-align: right;">\$2,714,245</td><td></td><td style="text-align: right;">179,686</td></tr></table>		\$		<u>Sq. Ft.</u>	Administration	572,849		37,130	Science	773,126		52,371	Technical #1	412,572		27,988	Technical #2	412,572		26,650	Student Union	543,126		35,547	Total	\$2,714,245		179,686
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<p>6. <u>CUBIC FEET OF BUILDING</u></p>	cu.ft.																																														
<p>7. <u>COST/SQ. FT.</u></p>	\$ 15.05																																														
<p>8. <u>COST/CU. FT.</u></p>	\$																																														
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STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Hudson Valley Community College
Troy, New York
Classroom Building

ARCHITECT

Cadman and Droste, Troy, New York

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

March 25, 1964

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 536,000

PLUMBING

\$ 86,980

HEATING

\$ 25,875

ELECTRICAL

\$ 84,966

TOTAL

\$ 733,821

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$ 468,000 ±

FURNITURE

\$

Under 88-204 Grant

5. SQUARE FOOT AREA OF BUILDING

56,277 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 13.75

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

September 1965

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Jamestown Community College
Jamestown, New York

ARCHITECT

Beck and Tinkham, Jamestown, New York

2. DESCRIPTION OF STRUCTURE

General; Academic & Administration Building

Gymnasium and lockers, Student Union (D.H.), Kitchen,
Lounges, Bookstore, Library, Administration, Classrooms (8)

3. DATE OF BID

June 21, 1961

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 614,095

PLUMBING

\$ 61,807

HEATING

\$ 107,480

ELECTRICAL

\$ 79,770

TOTAL

\$ 863,152

KITCHEN EQUIPMENT

\$ 28,900

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

47,590 sq.ft.

6. CUBIC FEET OF BUILDING

695,010 cu.ft.

7. COST/SQ. FT.

\$ 18.14

8. COST/CU. FT.

\$ 1.25

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Jefferson Community College
Watertown, New York

ARCHITECT

Parker - Soper, Architects, Watertown, New York

PHASE I BUILDINGS

	<u>Area</u>
Liberal Arts, Business & Engineering	15,534
Administration	6,660
Science	17,806
	40,000

2. DESCRIPTION OF STRUCTURE

Phase I

3. DATE OF BID

June 2, 1964

4. TABULATION OF BIDS

SITE
WORK

<u>GENERAL CONSTRUCTION</u> (\$581,793 + C.O. \$2,242.11)	\$	584,035.11	-	150,000
<u>PLUMBING</u> (\$63,947 + C.O. Rock Excavation)	\$	78,767.43	-	31,000
<u>HEATING</u>	\$	85,951.00		
<u>ELECTRICAL</u> (\$81,244 + C.O. \$2,229.74)	\$	83,473.74	-	6,800
<u>TOTAL</u>	\$	832,227.00		
<u>KITCHEN EQUIPMENT</u>	\$			
<u>SITE WORK</u>	\$	187,800.00		
<u>EQUIPMENT</u>	\$			
<u>FURNITURE</u>	\$			

5. SQUARE FOOT AREA OF BUILDING

40,000 sq.ft.

6. CUBIC FEET OF BUILDING

573,102 cu.ft.

7. COST/SQ. FT. (\$20.80 Including Site Work)

\$ 16.10

8. COST/CU. FT. (\$1.43 Including Site Work)

\$ 1.13

9. DATE OF OCCUPANCY

June 1965

10. MISCELLANEOUS INFORMATION

Basement figured at one-half total area.

Basement under Laboratory Wing.

Site Work in general contract. (Long entrance drive, parking lot walks service drive, storm sewer, septic and disposal field grading and seeding) 1800 feet of water main through rock.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Jefferson Community College
Watertown, New York

ARCHITECT

Parker - Soper, Architects, Watertown, New York

2. DESCRIPTION OF STRUCTURE

Phase II

Library - 29,260

Student Activities Bldg. - 61,100

Total Area 90,360 Sq. Ft.

3. DATE OF BID

May 24, 1966

4. TABULATION OF BIDS

SITE
WORK

GENERAL CONSTRUCTION

\$ 1,245,593 - 150,571

PLUMBING

\$ 149,887 - 52,947

HEATING

\$ 198,500

ELECTRICAL

\$ 244,410 - 37,000

TOTAL

\$ 1,838,390

KITCHEN EQUIPMENT

\$

SITE WORK

\$ 240,518

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

90,360 sq.ft.

6. CUBIC FEET OF BUILDING

1,146,400 cu.ft.

7. COST/SQ. FT. (\$20.35 Includes Site Work)

\$ 17.75

8. COST/CU. FT. (\$1.60 Includes Site Work)

\$ 1.38

9. DATE OF OCCUPANCY

Not Complete

10. MISCELLANEOUS INFORMATION

Above costs include site work. Sewer - 2,000' through rock and sewage pumping station. Large paved parking lot.

Basement under entire Library figured at one-half.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan

2. DESCRIPTION OF STRUCTURE

Total Phase I
Eleven Buildings (Including Building 10-A)

Ribson and Roberts
Todd and Giroux

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 8,963,000

PLUMBING

\$ 616,986

HEATING

\$ 2,896,000

ELECTRICAL

\$ 2,572,360

TOTAL

\$ 15,048,346

KITCHEN EQUIPMENT

\$ 351,402

SITE WORK *SEE REVERSE SIDE

\$ 3,207,804

EQUIPMENT (FIXED)

\$ 771,815

FURNITURE

\$ 500,000

5. SQUARE FOOT AREA OF BUILDING

664,094 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 22.65

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

September 1968 (Estimated)

10. MISCELLANEOUS INFORMATION

Architect and Engineers' Fees

\$ 1,166,422

Furnishings

500,000

Landscaping

100,000

Owner's Administrative Exp. and Contingency

300,000

Rough Grading (Under Contract)

247,800

\$ 2,314,222

Total Bids

19,142,782

Total Cost of Construction

\$21,457,004

*SITE WORK

Rough Grading	\$ 247,800
Paving and Grading	1,465,610
Utilities	751,070
Steam Transmission	680,969

Tennis Courts	\$26,730	
Fencing	5,500	
Track	23,025	
Tennis Court Ut	7,110	
	<u>\$62,365</u>	
		<u>62,365</u>
		<u>\$3,207,804</u>

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Administration - Building #1

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 635,000 (59%)

PLUMBING

\$ 250,840 (23%)

HEATING

\$ _____

ELECTRICAL

\$ 188,336 (18%)

TOTAL

\$ 1,074,176

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

49,693 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 21.61

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Library & Student Center, Bldgs. #2 and #3

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 2,114,000 (57%)

PLUMBING

\$ 901,037 (24%)

HEATING

\$ _____

ELECTRICAL

\$ 670,852 (19%)

TOTAL

\$ 3,685,889

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

163,038 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 22.60

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College

Rochester, New York

Fine Arts - Building #4

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan

2. DESCRIPTION OF STRUCTURE

Ribson and Roberts

Todd and Giroux

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 728,000 (69%)

PLUMBING

\$ 178,754 (17%)

HEATING

\$

ELECTRICAL

\$ 144,800 (14%)

TOTAL

\$ 1,051,554

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

35,092 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 29.96

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Office-Lecture Hall - Building #5

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 775,000 (63%)

PLUMBING }

\$ 260,640 (21%)

HEATING }

\$ _____

ELECTRICAL

\$ 191,500 (16%)

TOTAL

\$ 1,227,140

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

55,082 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 22.27

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Humanities - Building #6

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 751,000 (57%)

PLUMBING }

\$ 313,588

HEATING }

\$ _____

ELECTRICAL

\$ 252,376 (24%)

TOTAL

\$ 1,316,964 (19%)

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

66,926 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 19.67

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Science - Building #7

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)

Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 1,103,000 (51%)

PLUMBING

\$ 763,892 (36%)

HEATING

\$ _____

ELECTRICAL

\$ 276,795 (13%)

TOTAL

\$ 2,143,687

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

61,959 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 34.59

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College

Rochester, New York

Office-Lecture Hall - Building #8

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects)

Barrows, Parks, Morrin, Hall
& Brennan

Ribson and Roberts

Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 844,000 (60%)

PLUMBING }

\$ 303,433 (21%)

HEATING }

\$ _____

ELECTRICAL

\$ 264,476 (19%)

TOTAL

\$ 1,411,909

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

70,100 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 20.14

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Engineering Technical - Building #9

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 887,000 (60%)

PLUMBING }

\$ 241,570 (16%)

HEATING }

\$ _____

ELECTRICAL

\$ 343,382 (24%)

TOTAL

\$ 1,471,852

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

79,839 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 18.43

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Gymnasium - Building #10

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan

2. DESCRIPTION OF STRUCTURE

Ribson and Roberts
Todd and Giroux

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 891,000 (67%)

PLUMBING

\$ 258,298 (19%)

HEATING

\$ _____

ELECTRICAL

\$ 172,476 (14%)

TOTAL

\$ 1,321,774

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

66,084 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 20.00

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Building #10A

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 10,000 (66%)

PLUMBING

\$ 480 (4%)

HEATING

\$ 4,527 (33%)

ELECTRICAL

\$ _____

TOTAL

\$ 15,007

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

450 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 33.34

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Building #10A

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 10,000 (66%)

PLUMBING

\$ 480 (4%)

HEATING

\$ 4,527 (33%)

ELECTRICAL

\$ _____

TOTAL

\$ 15,007

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

450 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 33.34

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANFOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Monroe Community College
Rochester, New York
Building #11

ARCHITECT

Caudill, Rowlett & Scott (Coordinating Architects) Barrows, Parks, Morrin, Hall
& Brennan
Ribson and Roberts
Todd and Giroux

2. DESCRIPTION OF STRUCTURE

3. DATE OF BID

August 27, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 225,000 (68%)

PLUMBING }

\$ 40,454 (12%)

HEATING }

\$ _____

ELECTRICAL

\$ 62,940 (20%)

TOTAL

\$ 328,394

KITCHEN EQUIPMENT

\$ _____

SITE WORK

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ _____

5. SQUARE FOOT AREA OF BUILDING

15,831 sq.ft.

6. CUBIC FEET OF BUILDING

_____ cu.ft.

7. COST/SQ. FT.

\$ 20.17

8. COST/CU. FT.

\$ _____

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

New York City Community College of Applied Arts & Sciences
Brooklyn, New York
Academic & Science Building (Namm Hall)

ARCHITECT

Egers & Higgins - Chapman, Evans & Delehanty

2. DESCRIPTION OF STRUCTURE

Eleven story fireproof steel structure, brick
exterior

3. DATE OF BID

November 13, 1964

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 6,609,600

PLUMBING

\$ 532,422

HEATING

\$ 1,152,407

ELECTRICAL

\$ 724,888

TOTAL

\$ 9,119,317

KITCHEN EQUIPMENT (Cafeteria) Included in General \$ Construction

SITE WORK (Included in General Construction) \$

EQUIPMENT

} Fixed Equipment Included
in Four Prime Contracts*

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

360,615 sq.ft.

6. CUBIC FEET OF BUILDING

4,577,612 cu.ft.

7. COST/SQ. FT.

\$ 25.33

8. COST/CU. FT.

\$ 1.97

9. DATE OF OCCUPANCY

September 1967

10. MISCELLANEOUS INFORMATION

Demolition originally included in preliminary specs. However, subsequent information
indicates this had been done with no regard to contract or any other data on file.
Demolition separate contract \$15,299.

*Non-fixed equipment, furniture, etc., to be purchased in 1966 (estimated at \$950,000).

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

New York City Community College of Applied Arts & Sciences
Brooklyn, New York
Auditorium & Gymnasium

ARCHITECT

Francis Keally

2. DESCRIPTION OF STRUCTURE

Two-story fireproof steel structure, brick exterior

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 1,617,000

PLUMBING

\$ 149,980

HEATING

\$ 357,825

ELECTRICAL

\$ 214,000

TOTAL

\$ 2,338,805

KITCHEN EQUIPMENT

\$ _____

SITE WORK (Included in General Construction)

\$ _____

EQUIPMENT

\$ _____

FURNITURE

\$ 140,000

5. SQUARE FOOT AREA OF BUILDING

60,440 sq.ft.

6. CUBIC FEET OF BUILDING

1,259,772 cu.ft.

7. COST/SQ. FT.

\$ 37.04

8. COST/CU. FT.

\$ 1.85½

9. DATE OF OCCUPANCY

September 1963*

10. MISCELLANEOUS INFORMATION

*Official "Taking of Possession" although many changes still remained to be completed.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Orange County Community College

Middletown, New York

Harriman Hall

ARCHITECT

Fleming - Silverman

2. DESCRIPTION OF STRUCTURE

New Classroom and Laboratory Building

3. DATE OF BID

June 1962

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 629,700

PLUMBING

\$ 49,738

HEATING

\$ 143,689

ELECTRICAL

\$ 73,400

TOTAL

\$ 896,527

KITCHEN EQUIPMENT

\$

SITE WORK

\$ 26,500

EQUIPMENT

\$ 172,000

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

53,196 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 16.80 (Incl. Fixed Equip.)

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

September 1963

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Orange County Community College
Middletown, New York
Hudson Hall

ARCHITECT

Robert A. Green

2. DESCRIPTION OF STRUCTURE
Classroom - Laboratory

3. DATE OF BID
February 1953

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 169,000

PLUMBING

\$ 16,000

HEATING

\$ 16,400

ELECTRICAL

\$ 18,500

TOTAL

\$ 219,900

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

15,732 sq.ft.

6. CUBIC FEET OF BUILDING

80,012 cu.ft.

7. COST/SQ. FT.

\$ 14.00

8. COST/CU. FT.

\$ 1.22

9. DATE OF OCCUPANCY

October 1955

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1.	<u>NAME AND LOCATION OF STRUCTURE</u> <u>Orange County Community College</u> <u>Middletown, New York</u> <u>Orange Hall</u> <u>ARCHITECT</u> <u>Robert A. Green</u>	
2.	<u>DESCRIPTION OF STRUCTURE</u> <u>Student Union - Gymnasium</u> <u></u> <u></u> <u></u>	
3.	<u>DATE OF BID</u> <u>February 1957</u>	
4.	<u>TABULATION OF BIDS</u> <u>GENERAL CONSTRUCTION</u> <u>PLUMBING</u> <u>HEATING</u> <u>ELECTRICAL</u> <u>TOTAL</u> <u>KITCHEN EQUIPMENT</u> <u>SITE WORK</u> <u>EQUIPMENT</u> <u>FURNITURE</u>	 \$ 567,300 \$ 35,200 \$ 49,200 \$ 56,800 \$ 708,500 \$ \$ \$ \$
5.	<u>SQUARE FOOT AREA OF BUILDING</u>	37,600 sq.ft.
6.	<u>CUBIC FEET OF BUILDING</u>	623,010 cu.ft.
7.	<u>COST/SQ. FT.</u>	\$ 18.80
8.	<u>COST/CU. FT.</u>	\$ 1.13
9.	<u>DATE OF OCCUPANCY</u>	September 1958
10.	<u>MISCELLANEOUS INFORMATION</u> <u></u> <u></u> <u></u> <u></u>	

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. <u>NAME AND LOCATION OF STRUCTURE</u> <u>Orange County Community College</u> <u>Middletown, New York</u> <u>Sarah Wells Library</u> <u>ARCHITECT</u> <u>Robert A. Green</u>	
2. <u>DESCRIPTION OF STRUCTURE</u> <u>Library - Three Tiers</u> _____ _____ _____	
3. <u>DATE OF BID</u> <u>February 1957</u>	
4. <u>TABULATION OF BIDS</u> <div style="display: flex; justify-content: space-between;"><div><u>GENERAL CONSTRUCTION</u></div><div>\$ <u>168,700</u></div></div> <div style="display: flex; justify-content: space-between;"><div><u>PLUMBING</u></div><div>\$ <u>7,700</u></div></div> <div style="display: flex; justify-content: space-between;"><div><u>HEATING</u></div><div>\$ <u>13,000</u></div></div> <div style="display: flex; justify-content: space-between;"><div><u>ELECTRICAL</u></div><div>\$ <u>21,400</u></div></div> <div style="display: flex; justify-content: space-between;"><div><u>TOTAL</u></div><div>\$ <u>210,800</u></div></div> <div style="display: flex; justify-content: space-between;"><div><u>KITCHEN EQUIPMENT</u></div><div>\$ _____</div></div> <div style="display: flex; justify-content: space-between;"><div><u>SITE WORK</u></div><div>\$ _____</div></div> <div style="display: flex; justify-content: space-between;"><div><u>EQUIPMENT</u></div><div>\$ _____</div></div> <div style="display: flex; justify-content: space-between;"><div><u>FURNITURE</u></div><div>\$ _____</div></div>	
5. <u>SQUARE FOOT AREA OF BUILDING</u>	<u>11,480</u> sq.ft.
6. <u>CUBIC FEET OF BUILDING</u>	<u>123,742</u> cu.ft.
7. <u>COST/SQ. FT.</u>	\$ <u>18.30</u>
8. <u>COST/CU. FT.</u>	\$ <u>1.70</u>
9. <u>DATE OF OCCUPANCY</u>	<u>September 1958</u>
10. <u>MISCELLANEOUS INFORMATION</u> _____ _____ _____ _____	

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Queensborough Community College
Bayside, New York

ARCHITECT

Holden, Egan, Wilson & Corser and Frederic P. Wiedersum
Associates, Architects

2. DESCRIPTION OF STRUCTURE
Phase I - Library-Administration Bldg., Science
& Gymnasium Bldg, Gatehouses #1 & #2, alterations
to existing Oakland Bldg., and alterations to
existing Technology Bldg.

3. DATE OF BID
May 25, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION (Includes Site Work)

\$ 6,193,000

PLUMBING

\$ 667,000

HEATING

\$ 1,779,700

ELECTRICAL

\$ 763,950

TOTAL

\$ 9,403,650

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$ 600,000 (Estimated)

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

357,000 sq.ft.

6. CUBIC FEET OF BUILDING

 cu.ft.

7. COST/SQ. FT.

\$ 26.33

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

September 1967

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

NAME AND LOCATION OF STRUCTURE
Queensborough Community College
Bayside, New York

ARCHITECT
Architectural Unit, New York City Board of Higher Education

2. DESCRIPTION OF STRUCTURE
Technology Building

3. DATE OF BID
August 1961

4. TABULATION OF BIDS

GENERAL CONSTRUCTION (Includes Site Work)

\$ 473,000

PLUMBING

\$ 45,650

HEATING

\$ 82,064

ELECTRICAL

\$ 160,000

TOTAL

\$ 760,714

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

24,180 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 31.50

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

September 1963

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Staten Island Community College
Staten Island, New York
Phase II

ARCHITECT

Moore & Hutchins and A. Gordon Lorrimer Assoc., Architects

2. DESCRIPTION OF STRUCTURE

Phase II - Bldg. #1, Administration, Library, Business, Tech. Classrooms.
Bldg. #2, Science Lab & Classrooms. Bldg. #3, Electrical Tech. Labs &
Classrooms. Bldg. #4, Mechanical Tech. Labs & Classrooms. Bldg. #5, Gym,
Student Center, Cafeteria. Bldg. #6, Maintenance.

3. DATE OF BID

April 8, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 5,439,000

PLUMBING

\$ 674,995

HEATING

\$ 1,427,000

ELECTRICAL

\$ 1,085,790

TOTAL

\$ 8,626,785

KITCHEN EQUIPMENT

\$

SITE WORK (Phase I)

\$ 1,075,000

EQUIPMENT

\$

FURNITURE

\$ 1,200,000

{ (Including Moving) }

5. SQUARE FOOT AREA OF BUILDING

307,058 sq.ft.

6. CUBIC FEET OF BUILDING

 cu.ft.

7. COST/SQ. FT.

\$ 28.00

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

September 1967

10. MISCELLANEOUS INFORMATION

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Gymnasium
ARCHITECT

2. DESCRIPTION OF STRUCTURE
Gymnasium

3. DATE OF BID
October 1963

4. TABULATION OF BIDS

<u>GENERAL CONSTRUCTION</u>	\$ <u>900,706</u>
<u>PLUMBING</u>	\$ <u>92,219</u>
<u>HEATING & VENTILATING</u>	\$ <u>169,970</u>
<u>ELECTRICAL</u>	\$ <u>87,828</u>
<u>TOTAL</u>	\$ <u>1,250,723</u>
<u>KITCHEN EQUIPMENT</u>	\$ _____
<u>SITE WORK</u>	\$ <u>120,675</u>
<u>EQUIPMENT</u>	\$ <u>35,000</u>
<u>FURNITURE</u>	\$ _____

5. SQUARE FOOT AREA OF BUILDING 53,942 sq.ft.

6. CUBIC FEET OF BUILDING _____ cu.ft.

7. COST/SQ. FT. \$ 23.10

8. COST/CU. FT. \$ _____

9. DATE OF OCCUPANCY _____

10. MISCELLANEOUS INFORMATION

Site work includes 300 parking spaces, lighting, walks, egress road, and site work
around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Humanities Building

ARCHITECT

2. DESCRIPTION OF STRUCTURE
Humanities Building

3. DATE OF BID
May 1964

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 1,412,000

PLUMBING

\$ 80,931

HEATING

\$ 287,900

ELECTRICAL

\$ 251,568

TOTAL

\$ 2,032,399

KITCHEN EQUIPMENT

\$

SITE WORK

\$ 190,000

EQUIPMENT (Included in General Contract)

\$ 133,000

FURNITURE

\$ 60,000

5. SQUARE FOOT AREA OF BUILDING

85,000 sq.ft.

6. CUBIC FEET OF BUILDING

cu.ft.

7. COST/SQ. FT.

\$ 23.90

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

Site Work includes 400 parking spaces, lighting, walks, egress road, and site work around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Library

ARCHITECT

Dobiecki, Beattie, and Colyer, Architects
Brentwood, New York

2. DESCRIPTION OF STRUCTURE
Library - 90,000 volumes

3. DATE OF BID
September 1, 1966

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 1,359,350

PLUMBING

\$ 54,318

HEATING

\$ 267,762

ELECTRICAL

\$ 212,021

TOTAL

\$ 1,893,451*

KITCHEN EQUIPMENT

\$

SITE WORK *(Includes Site Work)

\$ 183,544

EQUIPMENT

\$

FURNITURE

\$ 125,000

5. SQUARE FOOT AREA OF BUILDING

66,687 sq.ft.

6. CUBIC FEET OF BUILDING

 cu.ft.

7. COST/SQ. FT.

\$ 28.36

8. COST/CU. FT.

\$

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

Two story plus ground floor, steel frame reinforced concrete floors, brick exterior cavity wall with exposed brick interior, exterior concrete columns, boiler room, air conditioned, carpeting, hung acoustical ceilings, elevator. Site work includes 320 parking spaces, lighting, walks, egress road, and site work around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Suffolk County Community College
Selden, New York
Student Center

ARCHITECT

Dobiecki, Beattie, and Colyer, Architects
Brentwood, New York

2. DESCRIPTION OF STRUCTURE
Student Center

3. DATE OF BID
January 1966

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 1,070,000

PLUMBING

\$ 78,250

HEATING

\$ 222,298

ELECTRICAL

\$ 116,440

TOTAL

\$ 1,487,188*

KITCHEN EQUIPMENT

*(Includes kitchen equipment)

\$

SITE WORK

\$ 98,271

EQUIPMENT

\$

FURNITURE

\$ 75,000

5. SQUARE FOOT AREA OF BUILDING

60,220 sq.ft.

6. CUBIC FEET OF BUILDING

803,250 cu.ft.

7. COST/SQ. FT.

\$ 24.70

8. COST/CU. FT.

\$ 1.85

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

Site work includes 200 parking spaces, lighting, walks, egress road, and site work
around the building.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE
Ulster County Community College
Kingston, New York
Phase I

ARCHITECT

Augustus Schrowang, Kingston, New York

2. DESCRIPTION OF STRUCTURE

	<u>COST</u>	<u>AREA</u>	<u>COST/SQ. FT.</u>
Library - Bsmt. plus 2 fls. (1/2 (3658) + 14594)	\$ 498,540	16,423	\$30.40
All Purpose - 1 floor	195,890	7,080	28.00
Business Study - 1 floor plus partial basement	449,700	21,680	20.72
Science - 1 floor	515,850	21,840	23.55
	<u>\$1,659,980</u>	<u>67,023</u>	<u>\$24.76</u>

3. DATE OF BID
December 20, 1965

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 1,262,690

PLUMBING

\$ 83,150

HEATING

\$ 157,250

ELECTRICAL

\$ 156,890

TOTAL

\$ 1,659,980

KITCHEN EQUIPMENT

\$ None

SITE WORK

{ Rough Grading and Utilities
Finish Grading and Parking
Exterior Lighting

\$ 190,000

\$ 150,000

\$ 100,000

EQUIPMENT

\$ 204,300

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

67,023 sq.ft.

6. CUBIC FEET OF BUILDING

924,432 cu.ft.

7. COST/SQ. FT.

\$ 24.76

8. COST/CU. FT.

\$ 1.80

9. DATE OF OCCUPANCY

September 1967

10. MISCELLANEOUS INFORMATION

Walls - brick, 2" insulation, concrete block, exterior wall bearing, slab on grade, interior walls exposed block, gypsum roof on L. S. joist. Limestone trim, no equipment in construction contract. Electric heat. (Mechanical basement space in Library computed at one-half area.)

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Westchester Community College
Valhalla, New York
Engineering Technology Center

ARCHITECT

Robert A. Green

2. DESCRIPTION OF STRUCTURE

One story, concrete block on steel, cut-stone veneer
exterior building - providing 10 classrooms, 1 library
faculty - 13 laboratory and machine areas, 12 faculty
offices, student study and lounge, service and supporting areas.

3. DATE OF BID

July 20, 1960

4. TABULATION OF BIDS (Final Cost)

GENERAL CONSTRUCTION

\$ 900,710.86

PLUMBING

\$ 79,091.28

HEATING

\$ 159,352.00

ELECTRICAL

\$ 135,846.30

TOTAL

\$ 1,275,000.44

KITCHEN EQUIPMENT

\$

SITE WORK

\$ 56,250.00

EQUIPMENT

\$ 114,468.00

FURNITURE

\$ 86,571.28

5. SQUARE FOOT AREA OF BUILDING

70,571 sq.ft.

6. CUBIC FEET OF BUILDING

921,313 cu.ft.

7. COST/SQ. FT.

\$ 18.07

8. COST/CU. FT.

\$ 1.38

9. DATE OF OCCUPANCY

October 1961

10. MISCELLANEOUS INFORMATION

Miscellaneous Construction

\$11,863.30

Architect Fee

94,800.39

Adv. and Engineering Expenses

3,745.22

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Westchester Community College

Valhalla, New York

Library Building

ARCHITECT

Robert A. Green, Tarrytown, New York

2. DESCRIPTION OF STRUCTURE

75,000 volumes - 800 readers

3. DATE OF BID

4. TABULATION OF BIDS

GENERAL CONSTRUCTION

\$ 841,000

PLUMBING

\$ 35,000

HEATING

\$ 190,400

ELECTRICAL

\$ 202,450

TOTAL

\$ 1,268,850

KITCHEN EQUIPMENT

\$

S.C. \$ 30,000

SITE WORK

Site 136,800

\$ 166,800

EQUIPMENT, FURNITURE, BOOKS

\$ 200,000

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

51,307 sq.ft.

6. CUBIC FEET OF BUILDING

616,877 cu.ft.

7. COST/SQ. FT.

\$ 24.73

8. COST/CU. FT.

\$ 2.05

9. DATE OF OCCUPANCY

10. MISCELLANEOUS INFORMATION

Three story plus basement (at ground level at rear)

Reinforced concrete frame - stone exterior - two elevators.

Air conditioned with humidity control.

Heating System - hot water-oil.

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Westchester Community College

Valhalla, New York

Physical Education Building

ARCHITECT

Robert A. Green

2. DESCRIPTION OF STRUCTURE

Usual - concrete block on steel, cut-stone veneer exterior building, containing 2 classrooms - 1 main and 2 auxiliary gymnasiums, locker, shower and sanitary areas, 5 faculty and 2 administrative offices, service areas, storage and supporting space.

3. DATE OF BID

February 20, 1963

4. TABULATION OF BIDS (Final Cost)

GENERAL CONSTRUCTION

\$ 872,447.53

PLUMBING

\$ 79,678.00

HEATING

\$ 169,619.00

ELECTRICAL

\$ 66,306.00

TOTAL

\$ 1,188,050.53

KITCHEN EQUIPMENT

\$

SITE WORK

\$

EQUIPMENT

\$ 24,453.67

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

54,234 sq.ft.

6. CUBIC FEET OF BUILDING

989,734 cu.ft.

7. COST/SQ. FT.

\$ 21.93

8. COST/CU. FT.

\$ 1.20

9. DATE OF OCCUPANCY

September 1964

10. MISCELLANEOUS INFORMATION

Miscellaneous Construction

\$ 3,209.32

Architect Fees

71,866.05

Adv. and Engineering Exp.

1,929.69

Construction Inspection (Dept. Public Works Engr.)

23,675.63

Total Project Expenditure \$1,213,184.89

STATE UNIVERSITY
OFFICE OF ARCHITECTURE AND FACILITIES

JOB COST BREAKDOWN

1. NAME AND LOCATION OF STRUCTURE

Westchester Community College
Valhalla, New York
Student Center & Food Laboratory Building

ARCHITECT

Robert A. Green

2. DESCRIPTION OF STRUCTURE

Combination - two story concrete block on steel, cut-stone
veneer exterior bldg., providing 3 classrooms, 2 instructional
labs., 1 health room, 3 student activity rooms, 9 faculty and
10 administrative offices, student lounge; food kitchens, dining
areas, service and supporting areas

3. DATE OF BID

July 19, 1961

4. TABULATION OF BIDS (Final Cost)

GENERAL CONSTRUCTION

\$ 829,280.10

PLUMBING

\$ 71,203.63

HEATING

\$ 227,120.60

ELECTRICAL

\$ 154,370.39

TOTAL

\$ 1,281,974.72

KITCHEN EQUIPMENT

\$ 105,321.00

SITE WORK

\$ 37,500.00

EQUIPMENT

\$ 61,667.26

FURNITURE

\$

5. SQUARE FOOT AREA OF BUILDING

54,450 sq.ft.

6. CUBIC FEET OF BUILDING

739,252 cu.ft.

7. COST/SQ. FT.

\$ 23.50

8. COST/CU. FT.

\$ 1.73

9. DATE OF OCCUPANCY

January 1963

10. MISCELLANEOUS INFORMATION

Miscellaneous Construction

\$ 1,909.15

Architect Fee

76,254.93

Adv. and Engineering Exp.

1,699.28

Construction Inspection (Department of Public Works Eng.)

21,297.25

Total Project Expenditure \$1,587,623.59